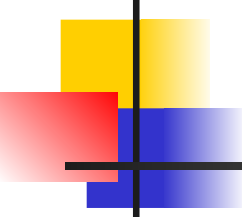


Tables in HTML



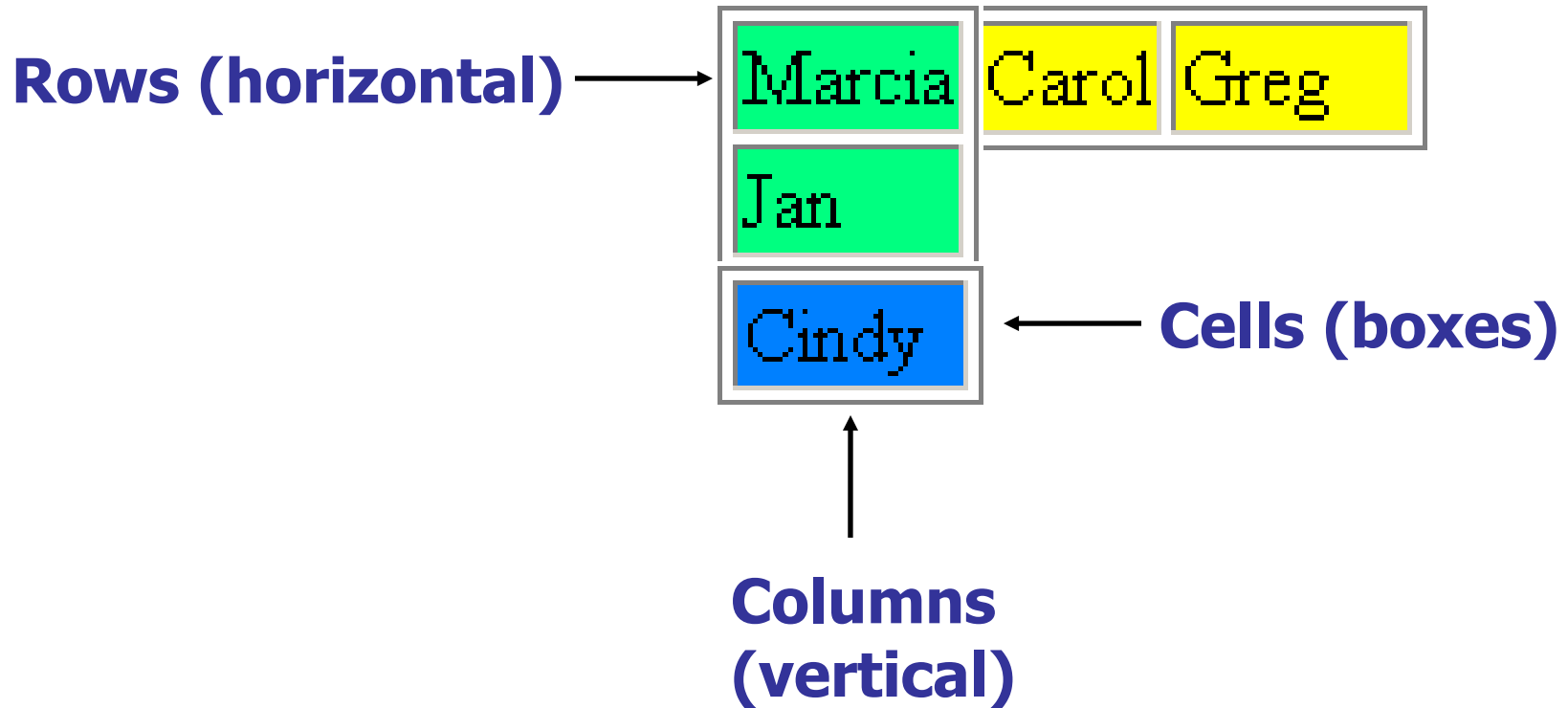
A Table is . . .

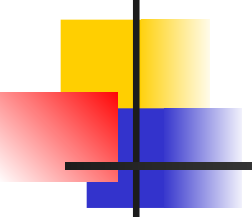
A **grid** that assists in organizing and displaying data



A Table is Composed of . . .







Common Table Tags

- `<TABLE>` and `</TABLE>`
Starts and ends the table
- `<CAPTION>` `</CAPTION>`
Places a caption over the table
- `<TR>`
Defines a new data row
- `<TD>`
Denotes table data



Simple Table Tags

<HTML>

<HEAD>

<TITLE>Simple Table</TITLE>

<BODY>

<TABLE>

<CAPTION>The Brady Bunch</CAPTION>

<TR><TD>Marcia<TD>Carol<TD>Greg

<TR><TD>Jan<TD>Alice<TD>Peter

<TR><TD>Cindy<TD>Mike<TD>Bobby

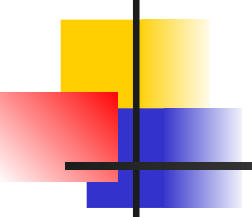
</TABLE>

</BODY>

</HTML>

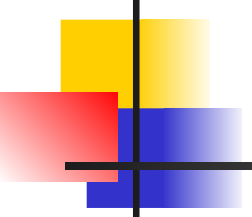
The Brady Bunch

Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



Things to Remember

- Each row is denoted by the `<TR>` tag
- Each cell's data is denoted by the `<TD>` tag
 - Whatever follows the `<TD>` tag will appear in a cell
 - You need one cell (`<TD>` tag) for each data item
- The width of each column is determined by the widest cell in each row

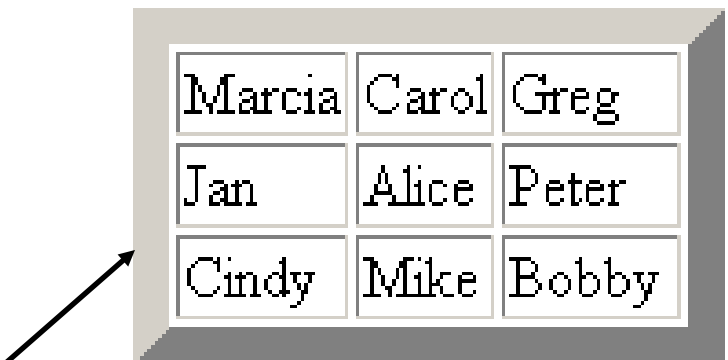


<BORDER> Tag

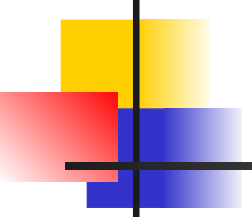
- Places a border around the table
- Placed within the <TABLE> tag
- Dictates how large (wide) the border should be
 - Size is indicated in pixels
 - Default=3 pixels

Example:

<TABLE BORDER=10>



Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



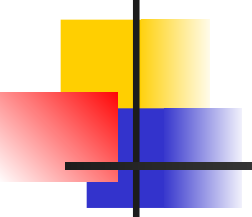
<CELLSPACING> Tag

- Placed within the <TABLE> tag
- Tells how much space to place between cells
 - Size is indicated in pixels
 - Default=1 pixel

Example:

<TABLE CELLSPACING=7>

Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby

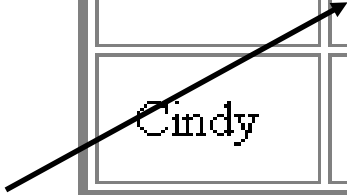


<CELLPADDING> Tag

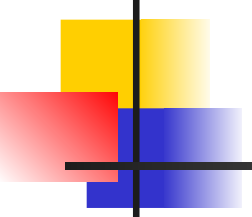
- Placed within the <TABLE> tag
- Tells how much space to leave between the text and the walls of the cells
 - Size is indicated in pixels
 - Default=0

Example:

<TABLE CELLPADDING=10>



Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



<ALIGN> Tag Attributes

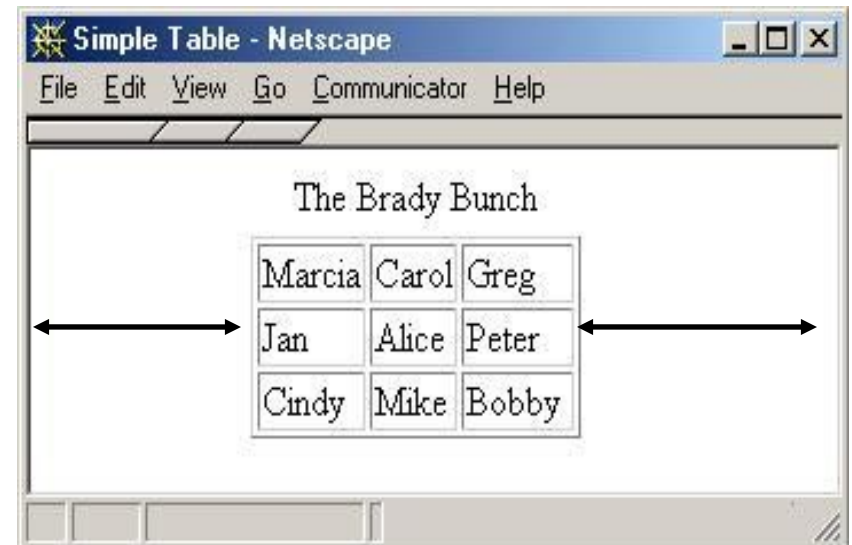
- <ALIGN> Used with the following tags:
 - <CAPTION> To align a caption
 - <TR> To align row contents
 - <TH> To align table head contents
- <VALIGN> Used to align elements vertically
 - <VALIGN>=middle (or center)
 - <VALIGN>= top
 - <VALIGN>= bottom
 - <VALIGN>= baseline

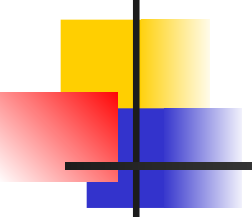
Align Table

- Used with `<TABLE>` tag to center the entire table

Example:

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE ALIGN=CENTER>
<CAPTION>The Brady Bunch</CAPTION>
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```





Align Table Row

- Used with `<TR>` tag to center data in a row

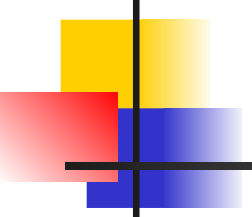
Example:

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE ALIGN=CENTER>
<CAPTION>The Brady Bunch</CAPTION>
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR ALIGN=CENTER><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

The Brady Bunch

Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby





Align Table Data

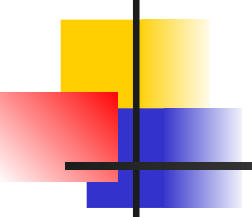
- Used with <TD> tag to center data within a cell

Example:

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE ALIGN=CENTER>
<CAPTION>The Brady Bunch</CAPTION>
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD ALIGN=CENTER>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

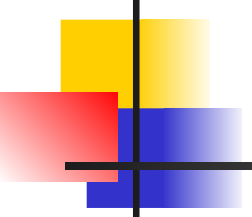
The Brady Bunch

Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



<ALIGN> Tag Attributes

- Options
 - ALIGN=CENTER
 - ALIGN=RIGHT
 - ALIGN=LEFT
- May be used in combination
 - Center headings
 - Left align data
 - Right align numbers

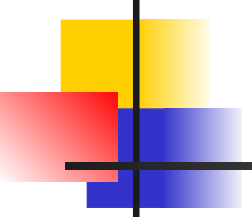


Links Within a Table

- Same tags as used in text
- Place the link command after the tag
- Used with
 - `<CAPTION>`
 - `<TH>`
 - `<TD>`

Example:

```
<TD ALIGN=CENTER> <A  
HREF=http://www.teleport.com/~btucker/bradys.htm>  
Brady Bunch Home Page</A>
```

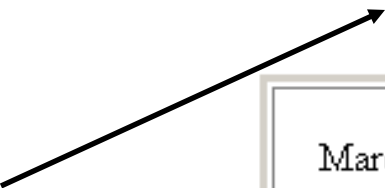


Link in a Caption

Example:

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE ALIGN=CENTER>
<CAPTION><A HREF=http://
www.teleport.com/~btucker/bradys.
htm>The Brady Bunch</A>
</CAPTION>
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

The Brady Bunch



Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



Link in a Cell

Example:

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE ALIGN=CENTER>
<CAPTION>The Brady
Bunch</CAPTION>
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>
<A HREF="Alice.jpg">Alice</A>
<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

The Brady Bunch

Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby

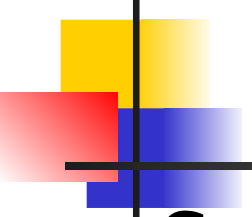


Image in a Cell

- Same tags as used in text
- Place the tag after the <TD> tag

Example:

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3 ALIGN=CENTER>
<CAPTION>The Brady Bunch</CAPTION>
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD><IMG SRC="Alice.jpg"><TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

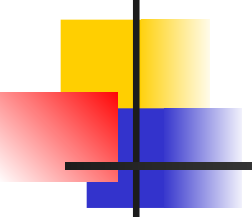
Image In a Cell

Example:

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3
ALIGN=CENTER>
<CAPTION>The Brady Bunch</CAPTION>
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD><IMG SRC="Alice.jpg">
<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

The Brady Bunch

Marcia	Carol	Greg
Jan		Peter
Cindy	Mike	Bobby

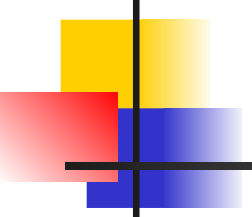


<COLSPAN> Tag

- Used to create a cell that spans more than one column
- Used with the <TD> tag
- Use the <ALIGN> tag to center the cell's contents

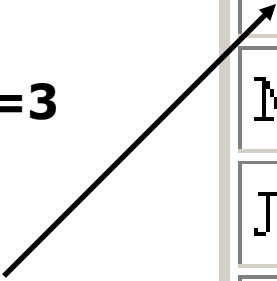
Example:

<TR><TD COLSPAN=3 ALIGN=CENTER>The Brady Bunch

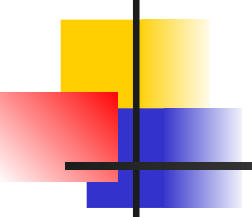


COLSPAN

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3
ALIGN=CENTER>
<TR><TD COLSPAN=3
ALIGN=CENTER>The Brady Bunch
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```



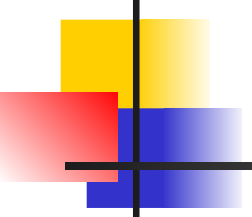
The Brady Bunch		
Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



<ROWSPAN> Tag

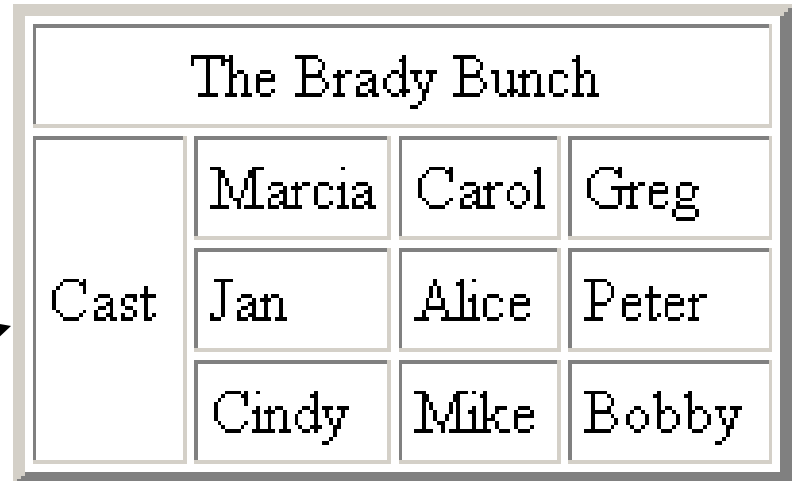
- Used to create a cell that spans more than one row
- Used with the <TD> tag
- The <VALIGN> Tag can be used to position the cell's contents
 - VALIGN=TOP
 - VALIGN=MIDDLE (or CENTER)
 - VALIGN=BOTTOM
 - VALIGN=BASELINE

Example:<TR><TD ROWSPAN=3 VALIGN=CENTER>Cast

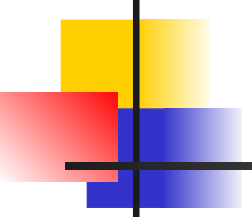


ROWSPAN

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3
ALIGN=CENTER>
<TR><TD COLSPAN=4
ALIGN=CENTER>The Brady Bunch
<TR><TD ROWSPAN=3
VALIGN=CENTER>Cast
<TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

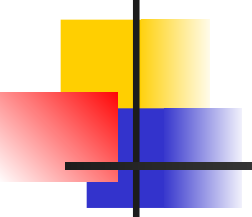


The Brady Bunch			
Cast	Marcia	Carol	Greg
	Jan	Alice	Peter
	Cindy	Mike	Bobby



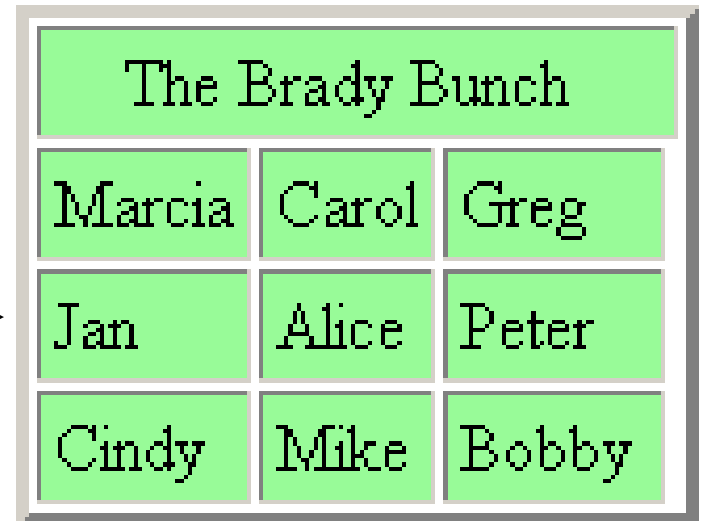
Adding Color

- Color may be added to:
 - Table background
 - Row background
 - Cell background
 - Table Border
 - Text
- May use color names or color codes

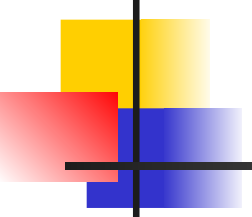


Color Table Background

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3
  ALIGN=CENTER
  BGCOLOR=PALEGREEN>
  <TR><TD COLSPAN=3
    ALIGN=CENTER>The Brady Bunch
  <TR><TD ROWSPAN=3
    VALIGN=CENTER>Cast
    <TD>Marcia<TD>Carol<TD>Greg
  <TR><TD>Jan<TD>Alice<TD>Peter
  <TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

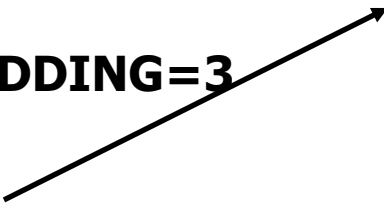


The Brady Bunch		
Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby

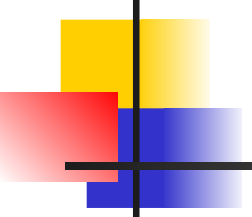


Row Color

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3
ALIGN=CENTER>
<TR BGCOLOR=YELLOW>
<TD COLSPAN=3 ALIGN=CENTER >The
Brady Bunch
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```



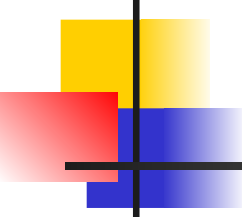
The Brady Bunch		
Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



Cell Color

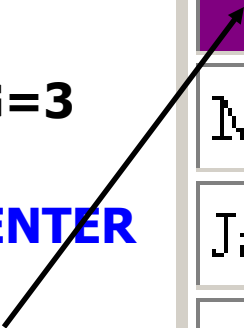
```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3
ALIGN=CENTER>
<TR><TD COLSPAN=3
ALIGN=CENTER>The Brady Bunch
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan
<TD BGCOLOR=PINK>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```

The Brady Bunch		
Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby

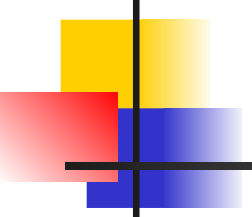


Text Color

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=3 CELLPADDING=3
ALIGN=CENTER>
<TR><TD COLSPAN=3 ALIGN=CENTER
BGCOLOR=PURPLE> <FONT
COLOR=WHITE>The Brady Bunch
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```



The Brady Bunch		
Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby



Border Color

```
<HTML><HEAD>
<TITLE>Simple Table</TITLE>
</HEAD><BODY>
<TABLE BORDER=8 CELLPADDING=3
ALIGN=CENTER BORDERCOLOR=BLUE>
<TR><TD COLSPAN=3
ALIGN=CENTER>The Brady Bunch
<TR><TD>Marcia<TD>Carol<TD>Greg
<TR><TD>Jan<TD>Alice<TD>Peter
<TR><TD>Cindy<TD>Mike<TD>Bobby
</TABLE>
</BODY></HTML>
```



The Brady Bunch		
Marcia	Carol	Greg
Jan	Alice	Peter
Cindy	Mike	Bobby