

Converting Colors

RGB(240, 145, 220)

Have a look what the booklet for
RGB(240, 145, 220) contains.

RGB(240, 145, 220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(240, 145, 220)

Conversions

Conversions Part 1

Format	Color
Hex	F091DC
RGB	240, 145, 220
RGB Percent	94%, 57%, 86%
CMY	0.0588, 0.4314, 0.1373
CMYK	0.00, 0.40, 0.08, 0.06
HSL	313°, 76%, 75%
HSV	313°, 40%, 94%
XYZ	58.9788, 43.9434, 73.0835
YIQ	181.9550, 32.5450, 43.4650

Conversions

Conversions Part 2

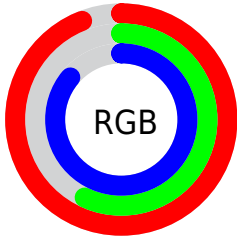
Format	Color
R_{YB}	240, 145, 220
Decimal	15765980
CIE Lab	72.19, 46.34, -23.06
CIE LCh	72, 51.759, 333.544
Yxy	43.9434, 0.3351, 0.2497
Android (android.graphics.Color)	4293956060 (0xFFFF091DC)
YUV	181.9550, 18.7562, 50.9055
Hunter-Lab	66.2898, 42.8065, -18.9635

Details

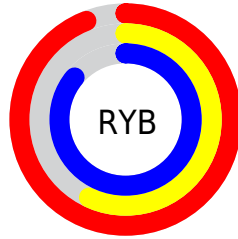
The RGB color **240, 145, 220** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **145, 240, 165**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 201, 255**, and **182, 92, 165** is the 20% darker color. If you saturate the color by 10%, you get **240, 121, 215**, and if you desaturate by 10%, it is **240, 169, 225**.

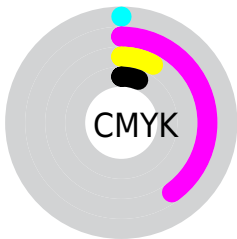
Distribution



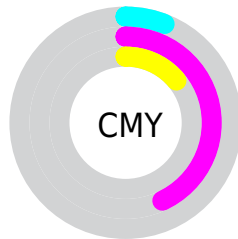
- Red (94%)
- Green (57%)
- Blue (86%)



- Red (94%)
- Yellow (57%)
- Blue (86%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 145, 220 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 240, 145, 220 by changing the saturation by 10% instead.

 240, 145, 220

 240, 145, 220

255, 255, 255

 211, 118, 192

 255, 201, 255

 182, 92, 165


 255, 229, 255

 154, 66, 138

 127, 39, 113

 100, 6, 88

 75, 0, 64

 51, 0, 42

 19, 0, 21

 0, 0, 0

240, 145, 220

240, 145, 220

240, 121, 215

240, 169, 225

240, 97, 210

240, 193, 230

240, 73, 205

240, 217, 235

240, 49, 200

240, 241, 240

240, 25, 195

240, 255, 245

240, 1, 190

240, 255, 250

240, 0, 189

240, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 162, 255



240, 145, 220



255, 137, 173

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 145, 220



200, 176, 79



0, 200, 228

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



240, 145, 220



145, 240, 165

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 201, 181



240, 145, 220



151, 189, 95

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 145, 220



239, 159, 92



87, 198, 133



0, 193, 255

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240, 145, 220



255, 140, 142



87, 198, 133



0, 201, 213

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



240, 145, 220



255, 224, 249



164, 145, 240



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 145, 220



255, 133, 229



240, 145, 174



120, 108, 117



184, 0, 145



56, 0, 44

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



240, 145, 220



255, 133, 229



145, 240, 211



120, 108, 117



184, 0, 145



56, 0, 44

Previews

White Background



This preview shows how the RGB color 240, 145, 220 looks on a white background.

Color Contrast Check

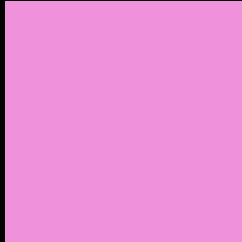
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 240, 145, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 240, 145, 220 Background



This preview shows how black text looks on a background with the RGB color 240, 145, 220.

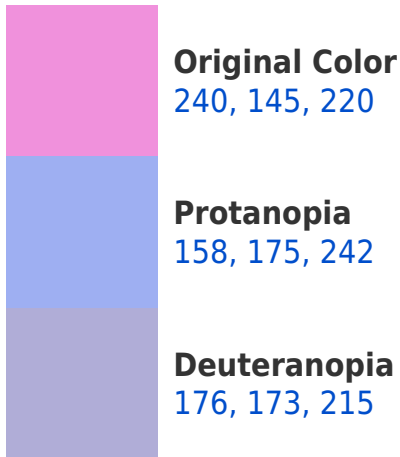



This preview shows how white text looks on a background with the RGB color 240, 145, 220.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
234, 156, 167

Trichromacy



Original Color

240, 145, 220



Protanomaly

188, 164, 234



Deuteranomaly

199, 163, 217



Tritanomaly

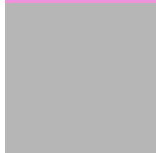
236, 152, 186

Monochromacy



Original Color

240, 145, 220



Achromatopsia

182, 182, 182



Achromatomaly

203, 169, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 145, 220 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 145, 220)` looks like.

```
.text, #text, p{  
    color:rgb(240, 145, 220)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 145, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 145, 220) }
```

Border

The CSS property to change the border of an element to RGB 240, 145, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

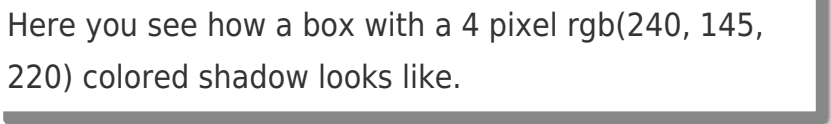
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 145, 220) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 145, 220) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(240, 145, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 145, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 145, 220); box-shadow:4px 4px 4px 4px rgb(240, 145, 220) }
```

Background

The CSS property to change the background color of an element to RGB 240, 145, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 145, 220) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
145, 220) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor