

# Converting Colors

RGB(240, 163, 218)

Have a look what the booklet for  
RGB(240, 163, 218) contains.

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# **Color**

**RGB(240, 163, 218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0A3DA
RGB	240, 163, 218
RGB Percent	94%, 64%, 85%
CMY	0.0588, 0.3608, 0.1451
CMYK	0.00, 0.32, 0.09, 0.06
HSL	317°, 72%, 79%
HSV	317°, 32%, 94%
XYZ	61.6873, 49.7816, 72.6872
YIQ	192.2930, 28.2370, 33.4290

# Conversions

## Conversions Part 2

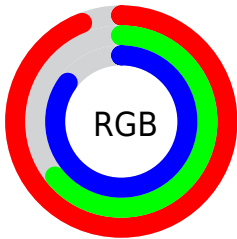
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 163, 218
Decimal	15770586
CIE Lab	75.94, 36.63, -16.29
CIE LCh	76, 40.087, 336.029
Yxy	49.7816, 0.3350, 0.2703
Android (android.graphics.Color)	4293960666 (0xFFFF0A3DA)
YUV	192.2930, 12.6736, 41.8390
Hunter-Lab	70.5561, 32.5896, -11.6916

# Details

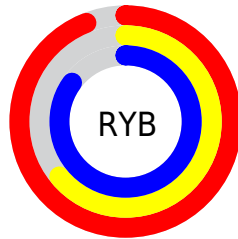
The RGB color **240, 163, 218** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **163, 240, 185**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 219, 255**, and **183, 110, 163** is the 20% darker color. If you saturate the color by 10%, you get **240, 139, 211**, and if you desaturate by 10%, it is **240, 187, 225**.

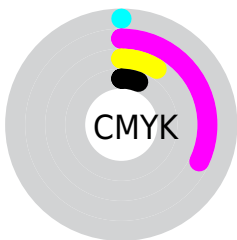
# Distribution



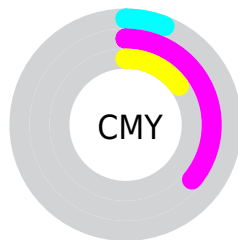
- Red (94%)
- Green (64%)
- Blue (85%)



- Red (94%)
- Yellow (64%)
- Blue (85%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (6%)




- Cyan (6%)
- Magenta (36%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 240, 163, 218 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, 163, 218 by changing the saturation by 10% instead.





 240, 163, 218

255, 255, 255

 255, 219, 255

 255, 248, 255

 240, 163, 218

 211, 136, 190

 183, 110, 163

 155, 85, 137

 128, 60, 111

 102, 35, 87

 77, 7, 63


 52, 0, 41


 28, 0, 20


 0, 0, 0

 240, 163, 218


 240, 163, 218

 240, 139, 211


 240, 187, 225

 240, 115, 204

 240, 211, 232

 240, 91, 197


 240, 235, 239

 240, 67, 191

 240, 255, 245

 240, 43, 184

 240, 255, 252

 240, 19, 177

 240, 255, 255

 240, 0, 171

# Harmonies

## Analogous

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



201, 175, 247



240, 163, 218



255, 158, 181

# Triad

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



240, 163, 218



204, 187, 113



29, 205, 229

# Complementary

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



240, 163, 218



163, 240, 185

# 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.



68, 207, 194



240, 163, 218



165, 198, 126

# Square

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



240, 163, 218



236, 175, 120



119, 205, 156



81, 199, 254

# Rectangle

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



240, 163, 218



255, 161, 157



119, 205, 156



34, 206, 218



# Sweetspot

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



240, 163, 218



255, 230, 248



185, 163, 240



128, 112, 123



0, 0, 0



128, 128, 128



# Same Dimension

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



240, 163, 218



255, 156, 227



240, 163, 180



120, 108, 116



184, 0, 131



56, 0, 40



# Inverse Universe

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



240, 163, 218



255, 156, 227



163, 240, 223



120, 108, 116



184, 0, 131

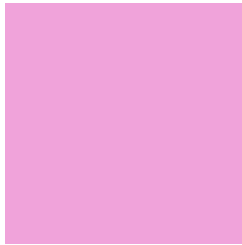


56, 0, 40



# Previews

## White Background



This preview shows how the RGB color 240, 163, 218 looks on a white background.

## Color Contrast Check

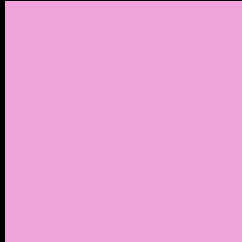
Large Text (above 18pt) WCAG AA × Fail

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, 163, 218 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, 163, 218 Background



This preview shows how black text looks on a background with the RGB color 240, 163, 218.

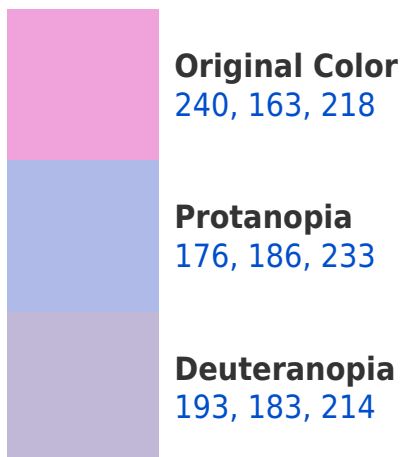



This preview shows how white text looks on a background with the RGB color 240, 163, 218.

# 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**  
236, 170, 183

# Trichromacy



**Original Color**

240, 163, 218



**Protanomaly**

199, 178, 228



**Deuteranomaly**

210, 176, 215



**Tritanomaly**

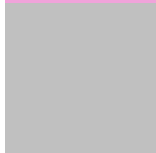
237, 167, 196

# Monochromacy



**Original Color**

240, 163, 218



**Achromatopsia**

192, 192, 192



**Achromatomaly**

209, 181, 201

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 240, 163, 218 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, 163, 218) looks like.

```
.text, #text, p{  
    color:rgb(240, 163, 218)  
}
```

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, 163, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 163, 218) }
```

## Border

The CSS property to change the border of an element to RGB 240, 163, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

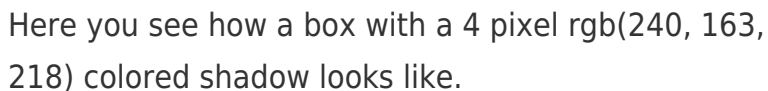
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 163, 218) }
```

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

```
.border{ border-color:rgb(240, 163, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 163, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 163, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 163, 218);  
box-shadow:4px 4px 4px 4px rgb(240, 163,  
218) }
```

# Background

The CSS property to change the background color of an element to RGB 240, 163, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 163, 218) }
```

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

```
.background{ background-color: rgb(240,  
163, 218) }
```

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](#).



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