

Converting Colors

RGB(240, 153, 205)

Have a look what the booklet for
RGB(240, 153, 205) contains.

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Color

RGB(240, 153, 205)

Conversions

Conversions Part 1

Format	Color
Hex	F099CD
RGB	240, 153, 205
RGB Percent	94%, 60%, 80%
CMY	0.0588, 0.4000, 0.1961
CMYK	0.00, 0.36, 0.15, 0.06
HSL	324°, 74%, 77%
HSV	324°, 36%, 94%
XYZ	58.3459, 45.7155, 63.5064
YIQ	184.9410, 35.1600, 34.6160

Conversions

Conversions Part 2

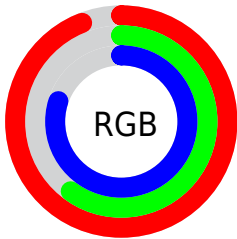
Format	Color
R _Y B	240, 153, 205
Decimal	15768013
CIE Lab	73.36, 39.76, -13.03
CIE LCh	73, 41.846, 341.854
Yxy	45.7155, 0.3482, 0.2728
Android (android.graphics.Color)	4293958093 (0xFFFF099CD)
YUV	184.9410, 9.8891, 48.2867
Hunter-Lab	67.6132, 35.7108, -8.3595

Details

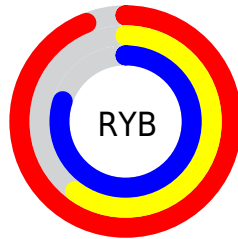
The RGB color **240, 153, 205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **153, 240, 188**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 209, 255**, and **183, 100, 151** is the 20% darker color. If you saturate the color by 10%, you get **240, 129, 195**, and if you desaturate by 10%, it is **240, 177, 215**.

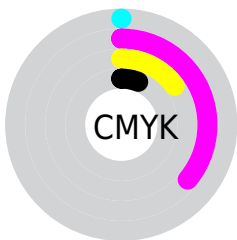
Distribution



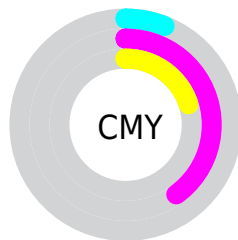
- Red (94%)
- Green (60%)
- Blue (80%)



- Red (94%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 153, 205 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, 153, 205 by changing the saturation by 10% instead.

 240, 153, 205

 240, 153, 205

255, 255, 255

 211, 126, 178


 255, 209, 255

 183, 100, 151

 255, 237, 255

 155, 75, 125

 128, 49, 100

 101, 23, 76

 75, 0, 53

 51, 0, 32

 22, 0, 4

 0, 0, 0

■ 240, 153, 205

■ 240, 153, 205

■ 240, 129, 195

■ 240, 177, 215

■ 240, 105, 186

■ 240, 201, 224

■ 240, 81, 176

■ 240, 225, 234

■ 240, 57, 166

■ 240, 249, 244

■ 240, 33, 157

■ 240, 255, 253

■ 240, 9, 147

■ 240, 255, 255

■ 240, 0, 143

Harmonies

Analogous

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



204, 165, 238



240, 153, 205



254, 150, 166

Triad

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



240, 153, 205



190, 183, 104



0, 198, 230

Complementary

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



240, 153, 205



153, 240, 188

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.



26, 201, 195



240, 153, 205



148, 193, 122

Square

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



240, 153, 205



225, 170, 107



98, 199, 155



76, 191, 252

Rectangle

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



240, 153, 205



252, 154, 142



98, 199, 155



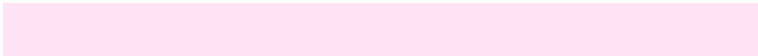
0, 199, 219

Sweetspot

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



240, 153, 205



255, 227, 244



188, 153, 240



128, 111, 121



0, 0, 0



128, 128, 128

Same Dimension

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



240, 153, 205



255, 143, 210



240, 153, 162



120, 108, 115



184, 0, 110



56, 0, 34

Inverse Universe

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



240, 153, 205



255, 143, 210



153, 240, 231



120, 108, 115



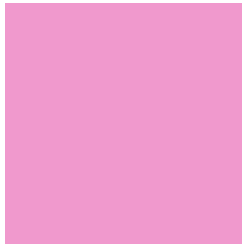
184, 0, 110



56, 0, 34

Previews

White Background



This preview shows how the RGB color 240, 153, 205 looks on a white background.

Color Contrast Check

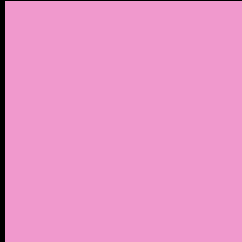
Large Text (above 18pt) WCAG AA × Fail

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, 153, 205 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, 153, 205 Background



This preview shows how black text looks on a background with the RGB color 240, 153, 205.



This preview shows how white text looks on a background with the RGB color 240, 153, 205.

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



Original Color
240, 153, 205

Protanopia
171, 179, 222

Deuteranopia
189, 176, 201



Tritanopia
236, 159, 171

Trichromacy



Original Color

240, 153, 205



Protanomaly

196, 170, 216



Deuteranomaly

208, 168, 202



Tritanomaly

237, 157, 183

Monochromacy



Original Color

240, 153, 205



Achromatopsia

185, 185, 185



Achromatomaly

205, 173, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 153, 205 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, 153, 205) looks like.

```
.text, #text, p{  
    color:rgb(240, 153, 205)  
}
```

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, 153, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 153, 205) }
```

Border

The CSS property to change the border of an element to RGB 240, 153, 205 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, 153, 205) }
```

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

```
.border{ border-color:rgb(240, 153, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 153, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 153, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 153, 205);  
box-shadow:4px 4px 4px 4px rgb(240, 153,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 240, 153, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 153, 205) }
```

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

```
.background{ background-color: rgb(240,  
153, 205) }
```

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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