

Converting Colors

RGB(238, 101, 194)

Have a look what the booklet for
RGB(238, 101, 194) contains.

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Color

RGB(238, 101, 194)

Conversions

Conversions Part 1

Format	Color
Hex	EE65C2
RGB	238, 101, 194
RGB Percent	93%, 40%, 76%
CMY	0.0667, 0.6039, 0.2392
CMYK	0.00, 0.58, 0.18, 0.07
HSL	319°, 80%, 66%
HSV	319°, 58%, 93%
XYZ	49.6512, 31.3795, 54.4789
YIQ	152.5650, 51.7990, 57.9670

Conversions

Conversions Part 2

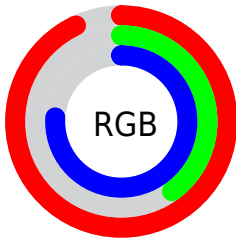
Format	Color
R _Y B	238, 101, 194
Decimal	15623618
CIE Lab	62.83, 62.92, -22.87
CIE LCh	63, 66.943, 340.025
Yxy	31.3795, 0.3664, 0.2316
Android (android.graphics.Color)	4293813698 (0xFFEE65C2)
YUV	152.5650, 20.4275, 74.9265
Hunter-Lab	56.0174, 60.1833, -18.4493

Details

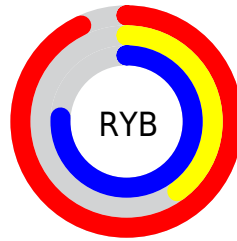
The RGB color **238, 101, 194** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **101, 238, 145**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **255, 158, 251**, and **179, 41, 140** is the 20% darker color. If you saturate the color by 10%, you get **238, 77, 186**, and if you desaturate by 10%, it is **238, 125, 202**.

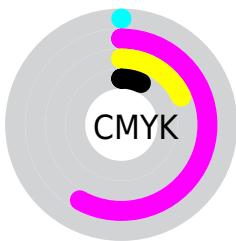
Distribution



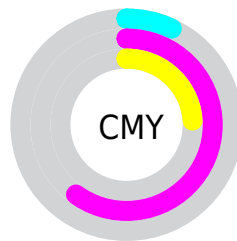
- Red (93%)
- Green (40%)
- Blue (76%)



- Red (93%)
- Yellow (40%)
- Blue (76%)



- Cyan (0%)
- Magenta (58%)
- Yellow (18%)
- Black (7%)



- Cyan (7%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RGB color 238, 101, 194 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 238, 101, 194 by changing the saturation by 10% instead.

 238, 101, 194

 238, 101, 194

255, 255, 255

 208, 72, 167

 255, 158, 251

 179, 41, 140

 255, 186, 255

 150, 0, 115

 255, 215, 255

 122, 0, 90

 255, 245, 255

 94, 0, 66

 68, 0, 44

 40, 0, 22

 0, 0, 0

 238, 101, 194

 238, 101, 194

■ 238, 77, 186

■ 238, 125, 202

■ 238, 53, 179

■ 238, 149, 209

■ 238, 30, 171

■ 238, 172, 217

■ 238, 6, 163

■ 238, 196, 225

■ 238, 0, 162

■ 238, 220, 232

■ 238, 244, 240

■ 238, 255, 248

■ 238, 255, 255

Harmonies

Analogous

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



180, 127, 244



238, 101, 194



255, 92, 134

Triad

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



238, 101, 194



163, 156, 1



0, 178, 227

Complementary

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



238, 101, 194



101, 238, 145

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, 180, 171



238, 101, 194



97, 170, 52

Square

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



238, 101, 194



213, 134, 29



0, 177, 109



0, 169, 255

Rectangle

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



238, 101, 194



254, 101, 96



0, 177, 109



0, 179, 210

Sweetspot

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



238, 101, 194



255, 212, 241



144, 101, 238



128, 102, 119



0, 0, 0



128, 128, 128

Same Dimension

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



238, 101, 194



255, 79, 198



238, 101, 126



120, 108, 116



184, 0, 125



56, 0, 38

Inverse Universe

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



238, 101, 194



255, 79, 198



101, 238, 213



120, 108, 116



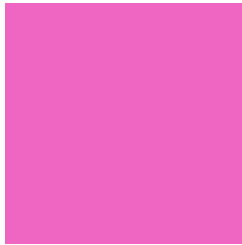
184, 0, 125



56, 0, 38

Previews

White Background



This preview shows how the RGB color 238, 101, 194 looks on a white background.

Color Contrast Check

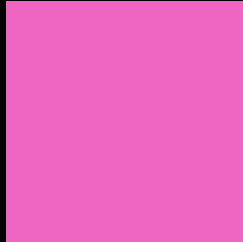
Large Text (above 18pt) WCAG AA × Fail

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 238, 101, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

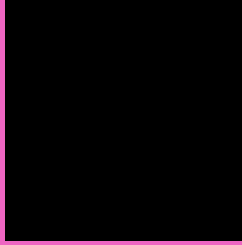
Any Text WCAG AA ✓ Pass

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 238, 101, 194 Background



This preview shows how black text looks on a background with the RGB color 238, 101, 194.

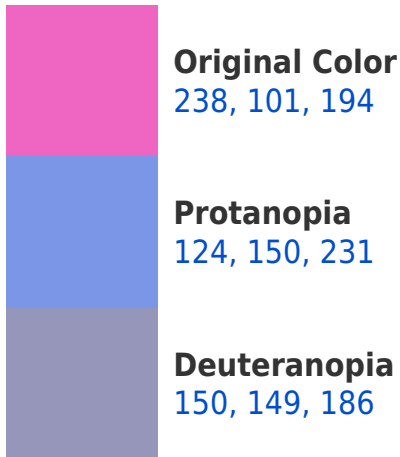


This preview shows how white text looks on a background with the RGB color 238, 101, 194.

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
231, 117, 126

Trichromacy



Original Color

238, 101, 194



Protanomaly

165, 132, 218



Deuteranomaly

182, 132, 189



Tritanomaly

234, 111, 151

Monochromacy



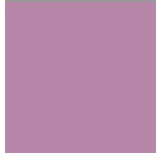
Original Color

238, 101, 194



Achromatopsia

153, 153, 153



Achromatomaly

184, 134, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 101, 194 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(238, 101, 194) looks like.

```
.text, #text, p{  
    color:rgb(238, 101, 194)  
}
```

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(238, 101, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 101, 194) }
```

Border

The CSS property to change the border of an element to RGB 238, 101, 194 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(238, 101, 194) }
```

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

```
.border{ border-color:rgb(238, 101, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 101, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 101, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 101, 194);  
box-shadow:4px 4px 4px 4px rgb(238, 101,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 238, 101, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 101, 194) }
```

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

```
.background{ background-color: rgb(238,  
101, 194) }
```

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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