

Converting Colors

RGB(215, 89, 163)

Have a look what the booklet for
RGB(215, 89, 163) contains.

RGB(215, 89, 163)	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(215, 89, 163)

Conversions

Conversions Part 1

Format	Color
Hex	D759A3
RGB	215, 89, 163
RGB Percent	84%, 35%, 64%
CMY	0.1569, 0.6510, 0.3608
CMYK	0.00, 0.59, 0.24, 0.16
HSL	325°, 61%, 60%
HSV	325°, 59%, 84%
XYZ	38.2076, 24.2362, 37.3146
YIQ	135.1100, 51.3420, 49.7260

Conversions

Conversions Part 2

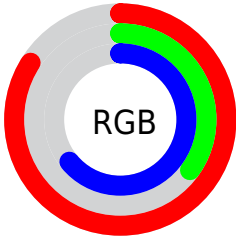
Format	Color
RYB	215, 89, 163
Decimal	14113187
CIELab	56.32, 57.27, -15.26
CIElCh	56, 59.272, 345.077
Yxy	24.2362, 0.3830, 0.2429
Android (android.graphics.Color)	4292303267 (0xFFD759A3)
YUV	135.1100, 13.7498, 70.0635
Hunter-Lab	49.2302, 52.3808, -10.4783

Details

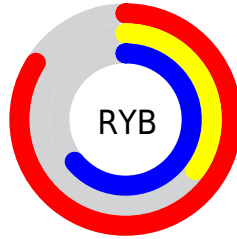
The RGB color **215, 89, 163** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **89, 215, 141**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **255, 144, 218**, and **157, 29, 111** is the 20% darker color. If you saturate the color by 10%, you get **215, 68, 154**, and if you desaturate by 10%, it is **215, 110, 172**.

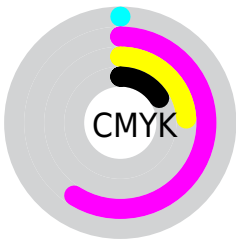
Distribution



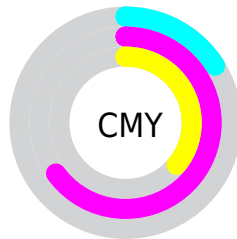
- Red (84%)
- Green (35%)
- Blue (64%)



- Red (84%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (16%)




- Cyan (16%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 89, 163 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 215, 89, 163 by changing the saturation by 10% instead.

 215, 89, 163

 215, 89, 163

255, 255, 255

 186, 61, 137

 255, 144, 218

 157, 29, 111

 255, 173, 246

 129, 0, 87

 255, 201, 255

 101, 0, 63

 255, 230, 255

 74, 0, 41


 48, 0, 20

 0, 0, 0

 215, 89, 163


 215, 89, 163


 215, 68, 154


 215, 110, 172


 215, 46, 145


 215, 132, 181

 215, 24, 136

 215, 154, 190

 215, 3, 128

 215, 175, 198

 215, 0, 126

 215, 197, 207

 215, 218, 216

 215, 240, 225

 215, 255, 234

 215, 255, 243

Harmonies

Analogous

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



170, 110, 208



215, 89, 163



228, 85, 111

Triad

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



215, 89, 163



136, 141, 17



0, 157, 207

Complementary

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



215, 89, 163



89, 215, 141

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, 159, 160



215, 89, 163



76, 152, 57

Square

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



215, 89, 163



182, 123, 25



0, 158, 107



0, 148, 235

Rectangle

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



215, 89, 163



222, 95, 79



0, 158, 107



0, 158, 193

Sweetspot

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



215, 89, 163



255, 209, 236



139, 89, 215



128, 99, 116



0, 0, 0



128, 128, 128

Same Dimension

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



215, 89, 163



255, 77, 181



215, 89, 102



107, 96, 103



171, 0, 100



43, 0, 25

Inverse Universe

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



215, 89, 163



255, 77, 181



89, 215, 202



107, 96, 103



171, 0, 100



43, 0, 25

Previews

White Background



This preview shows how the RGB color 215, 89, 163 looks on a white background.

Color Contrast Check

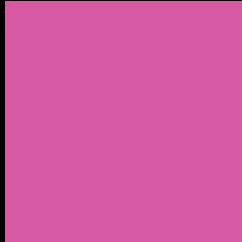
Large Text (above 18pt) WCAG AA ✓ Pass

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 215, 89, 163 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 × Fail

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

RGB 215, 89, 163 Background



This preview shows how black text looks on a background with the RGB color 215, 89, 163.

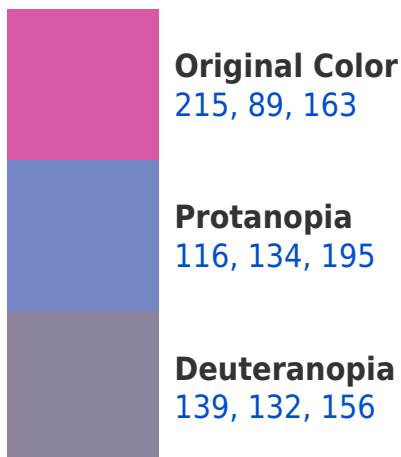


This preview shows how white text looks on a background with the RGB color 215, 89, 163.

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
210, 101, 109

Trichromacy



Original Color

215, 89, 163



Protanomaly

152, 118, 183



Deuteranomaly

167, 116, 159



Tritanomaly

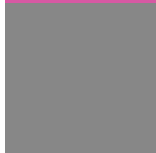
212, 97, 129

Monochromacy



Original Color

215, 89, 163



Achromatopsia

135, 135, 135



Achromatomaly

164, 118, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 89, 163 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(215, 89, 163)` looks like.

```
.text, #text, p{  
    color:rgb(215, 89, 163)  
}
```

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(215, 89, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 89, 163) }
```

Border

The CSS property to change the border of an element to RGB 215, 89, 163 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(215, 89, 163) }
```

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

```
.border{ border-color:rgb(215, 89, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 89, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 89, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 89, 163);  
box-shadow:4px 4px 4px 4px rgb(215, 89,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 215, 89, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 89, 163) }
```

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

```
.background{ background-color: rgb(215, 89,  
163) }
```

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