

Converting Colors

RGB(211, 89, 147)

Have a look what the booklet for
RGB(211, 89, 147) contains.

RGB(211, 89, 147)	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(211, 89, 147)

Conversions

Conversions Part 1

Format	Color
Hex	D35993
RGB	211, 89, 147
RGB Percent	83%, 35%, 58%
CMY	0.1725, 0.6510, 0.4235
CMYK	0.00, 0.58, 0.30, 0.17
HSL	331°, 58%, 59%
HSV	331°, 58%, 83%
XYZ	35.7028, 23.1002, 30.1808
YIQ	132.0900, 54.0940, 43.9020

Conversions

Conversions Part 2

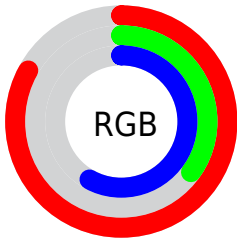
Format	Color
R _Y B	211, 89, 147
Decimal	13851027
CIE Lab	55.18, 53.97, -7.69
CIE LCh	55, 54.519, 351.895
Yxy	23.1002, 0.4012, 0.2596
Android (android.graphics.Color)	4292041107 (0xFFD35993)
YUV	132.0900, 7.3506, 69.2041
Hunter-Lab	48.0627, 48.4869, -3.5871

Details

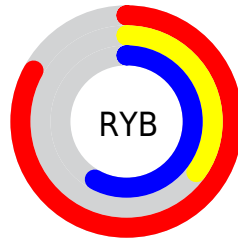
The RGB color **211, 89, 147** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **89, 211, 153**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **255, 144, 201**, and **153, 31, 96** is the 20% darker color. If you saturate the color by 10%, you get **211, 68, 136**, and if you desaturate by 10%, it is **211, 110, 158**.

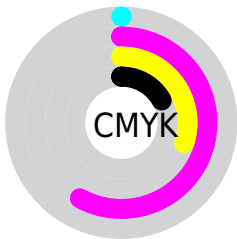
Distribution



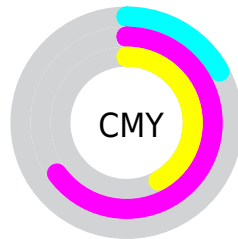
- Red (83%)
- Green (35%)
- Blue (58%)



- Red (83%)
- Yellow (35%)
- Blue (58%)



- Cyan (0%)
- Magenta (58%)
- Yellow (30%)
- Black (17%)



- Cyan (17%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 89, 147 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 211, 89, 147 by changing the saturation by 10% instead.



211, 89, 147



211, 89, 147

255, 255, 255



182, 61, 121



255, 144, 201



153, 31, 96



255, 172, 229



125, 0, 73



255, 200, 255



97, 0, 50



255, 229, 255



70, 0, 29



45, 0, 1



0, 0, 0



211, 89, 147



211, 89, 147



211, 68, 136



211, 110, 158

■ 211, 47, 125

■ 211, 131, 169

■ 211, 26, 114

■ 211, 152, 180

■ 211, 5, 103

■ 211, 173, 191

■ 211, 0, 100

■ 211, 195, 202

■ 211, 216, 213

■ 211, 237, 224

■ 211, 255, 236

■ 211, 255, 247

Harmonies

Analogous

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



177, 105, 191



211, 89, 147



217, 90, 100

Triad

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



211, 89, 147



123, 140, 35



0, 151, 206

Complementary

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



211, 89, 147



89, 211, 153

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, 155, 166



211, 89, 147



63, 149, 71

Square

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



211, 89, 147



168, 125, 30



0, 154, 117



0, 141, 226

Rectangle

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



211, 89, 147



208, 100, 71



0, 154, 117



0, 153, 194

Sweetspot

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



211, 89, 147



255, 212, 232



152, 89, 211



128, 102, 114



0, 0, 0



128, 128, 128

Same Dimension

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



211, 89, 147



255, 79, 163



211, 91, 89



105, 94, 99



168, 0, 80



41, 0, 19

Inverse Universe

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



211, 89, 147



255, 79, 163



89, 209, 211



105, 94, 99



168, 0, 80



41, 0, 19

Previews

White Background



This preview shows how the RGB color 211, 89, 147 looks on a white background.

Color Contrast Check

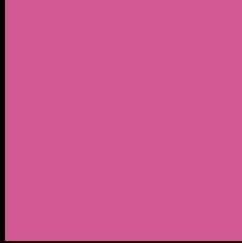
Large Text (above 18pt) WCAG AA ✓ Pass

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 211, 89, 147 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 211, 89, 147 Background



This preview shows how black text looks on a background with the RGB color 211, 89, 147.



This preview shows how white text looks on a background with the RGB color 211, 89, 147.

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
211, 89, 147

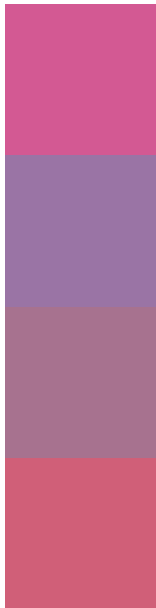
Protanopia
121, 131, 175

Deuteranopia
142, 129, 141



Tritanopia
207, 98, 105

Trichromacy



Original Color
211, 89, 147

Protanomaly
154, 116, 165

Deuteranomaly
167, 114, 143

Tritanomaly
208, 95, 120

Monochromacy



Original Color
211, 89, 147

Achromatopsia
132, 132, 132

Achromatomaly
161, 116, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 89, 147 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(211, 89, 147)` looks like.

```
.text, #text, p{  
    color:rgb(211, 89, 147)  
}
```

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(211, 89, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 89, 147) }
```

Border

The CSS property to change the border of an element to RGB 211, 89, 147 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(211, 89, 147) }
```

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

```
.border{ border-color:rgb(211, 89, 147) }
```

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

Here you see how a box with a 4 pixel rgb(211, 89, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 89, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 89, 147);  
box-shadow:4px 4px 4px 4px rgb(211, 89,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 211, 89, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 89, 147) }
```

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

```
.background{ background-color: rgb(211, 89,  
147) }
```

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