

Converting Colors

RGB(205, 86, 137)

Have a look what the booklet for
RGB(205, 86, 137) contains.

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Color

RGB(205, 86, 137)

Conversions

Conversions Part 1

Format	Color
Hex	CD5689
RGB	205, 86, 137
RGB Percent	80%, 34%, 54%
CMY	0.1961, 0.6627, 0.4627
CMYK	0.00, 0.58, 0.33, 0.20
HSL	334°, 54%, 57%
HSV	334°, 58%, 80%
XYZ	33.0200, 21.4409, 26.0651
YIQ	127.3950, 54.5530, 41.0890

Conversions

Conversions Part 2

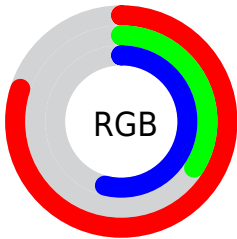
Format	Color
R _Y B	205, 86, 137
Decimal	13457033
CIE Lab	53.43, 52.23, -4.48
CIE LCh	53, 52.423, 355.099
Yxy	21.4409, 0.4101, 0.2663
Android (android.graphics.Color)	4291647113 (0xFFCD5689)
YUV	127.3950, 4.7353, 68.0596
Hunter-Lab	46.3043, 46.2574, -0.9618

Details

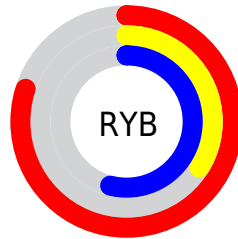
The RGB color **205, 86, 137** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **86, 205, 154**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **255, 140, 190**, and **147, 28, 87** is the 20% darker color. If you saturate the color by 10%, you get **205, 66, 125**, and if you desaturate by 10%, it is **205, 107, 149**.

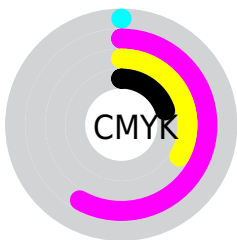
Distribution



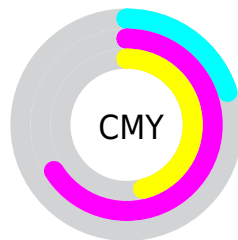
- Red (80%)
- Green (34%)
- Blue (54%)



- Red (80%)
- Yellow (34%)
- Blue (54%)



- Cyan (0%)
- Magenta (58%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (66%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 86, 137 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 205, 86, 137 by changing the saturation by 10% instead.



205, 86, 137



205, 86, 137

255, 255, 255



176, 59, 112



255, 140, 190



147, 28, 87



255, 168, 218



119, 0, 64



255, 197, 247



91, 0, 42



255, 225, 255



65, 0, 22

255, 255, 255



37, 0, 1



0, 0, 0



205, 86, 137



205, 86, 137




205, 66, 125



205, 107, 149

 205, 45, 114

 205, 127, 160

 205, 25, 102

 205, 148, 172

 205, 4, 90

 205, 168, 184

 205, 0, 88

 205, 189, 196

 205, 209, 207

 205, 230, 219

 205, 250, 231

 205, 255, 242

Harmonies

Analogous

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



175, 99, 180



205, 86, 137



209, 89, 92

Triad

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



205, 86, 137



114, 136, 38



0, 145, 201

Complementary

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



205, 86, 137



86, 205, 154

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, 149, 165



205, 86, 137



53, 145, 73

Square

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



205, 86, 137



158, 123, 29



0, 149, 118



0, 135, 218

Rectangle

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



205, 86, 137



199, 99, 65



0, 149, 118



0, 147, 191

Sweetspot

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



205, 86, 137



255, 212, 230



153, 86, 205



128, 102, 113



0, 0, 0



128, 128, 128

Same Dimension

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



205, 86, 137



255, 77, 153



205, 94, 86



102, 92, 96



166, 0, 71



38, 0, 16

Inverse Universe

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



205, 86, 137



255, 77, 153



86, 197, 205



102, 92, 96



166, 0, 71



38, 0, 16

Previews

White Background



This preview shows how the RGB color 205, 86, 137 looks on a white background.

Color Contrast Check

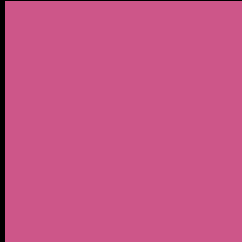
Large Text (above 18pt) WCAG AA ✓ Pass

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 205, 86, 137 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 205, 86, 137 Background



This preview shows how black text looks on a background with the RGB color 205, 86, 137.

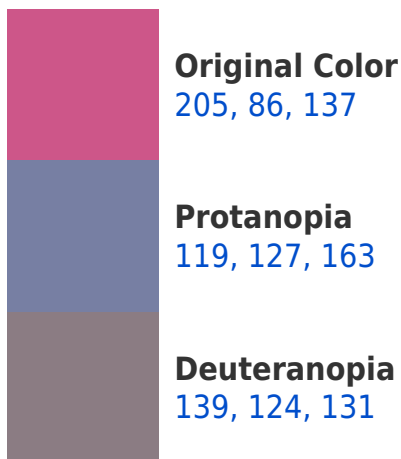


This preview shows how white text looks on a background with the RGB color 205, 86, 137.

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
202, 94, 100

Trichromacy



Original Color

205, 86, 137



Protanomaly

150, 112, 154



Deuteranomaly

163, 110, 133



Tritanomaly

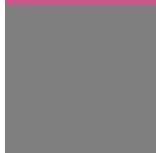
203, 91, 113

Monochromacy



Original Color

205, 86, 137



Achromatopsia

127, 127, 127



Achromatomaly

155, 112, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 86, 137 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(205, 86, 137)` looks like.

```
.text, #text, p{  
    color:rgb(205, 86, 137)  
}
```

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(205, 86, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 86, 137) }
```

Border

The CSS property to change the border of an element to RGB 205, 86, 137 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(205, 86, 137) }
```

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

```
.border{ border-color:rgb(205, 86, 137) }
```

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

Here you see how a box with a 4 pixel rgb(205, 86, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 86, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 86, 137);  
box-shadow:4px 4px 4px 4px rgb(205, 86,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 205, 86, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 86, 137) }
```

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

```
.background{ background-color: rgb(205, 86,  
137) }
```

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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