

Converting Colors

RGB(206, 77, 142)

Have a look what the booklet for
RGB(206, 77, 142) contains.

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Color

RGB(206, 77, 142)

Conversions

Conversions Part 1

Format	Color
Hex	CE4D8E
RGB	206, 77, 142
RGB Percent	81%, 30%, 56%
CMY	0.1922, 0.6980, 0.4431
CMYK	0.00, 0.63, 0.31, 0.19
HSL	330°, 57%, 55%
HSV	330°, 63%, 81%
XYZ	32.9900, 20.3826, 27.7866
YIQ	122.9810, 56.0190, 47.5630

Conversions

Conversions Part 2

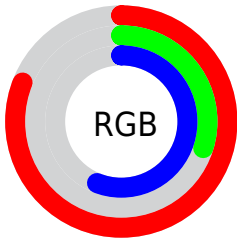
Format	Color
R_{YB}	206, 77, 142
Decimal	13520270
CIE _{Lab}	52.27, 57.13, -9.16
CIE _{LCh}	52, 57.861, 350.894
Yxy	20.3826, 0.4065, 0.2511
Android (android.graphics.Color)	4291710350 (0xFFCE4D8E)
YUV	122.9810, 9.3764, 72.8077
Hunter-Lab	45.1470, 51.4266, -4.8883

Details

The RGB color **206, 77, 142** 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 **77, 206, 141**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **255, 133, 196**, and **148, 7, 92** is the 20% darker color. If you saturate the color by 10%, you get **206, 56, 132**, and if you desaturate by 10%, it is **206, 98, 152**.

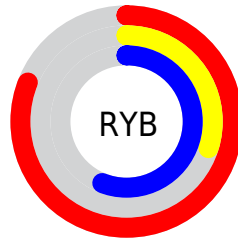
Distribution



Red (81%)

Green (30%)

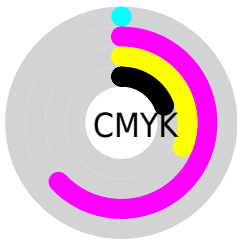
Blue (56%)



Red (81%)

Yellow (30%)

Blue (56%)

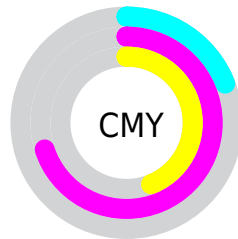


Cyan (0%)

Magenta (63%)

Yellow (31%)

Black (19%)



Cyan (19%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 77, 142 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 206, 77, 142 by changing the saturation by 10% instead.



206, 77, 142



206, 77, 142

255, 255, 255



177, 48, 116



255, 133, 196



148, 7, 92



255, 161, 224



119, 0, 68



255, 189, 252



92, 0, 46



255, 218, 255



65, 0, 26



255, 247, 255



37, 0, 1



0, 0, 0



206, 77, 142



206, 77, 142



206, 56, 132



206, 98, 152

■ 206, 36, 122

■ 206, 118, 162

■ 206, 15, 111

■ 206, 139, 173

■ 206, 0, 104

■ 206, 159, 183

■ 206, 180, 193

■ 206, 201, 203

■ 206, 221, 214

■ 206, 242, 224

■ 206, 255, 234

Harmonies

Analogous

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



169, 95, 188



206, 77, 142



213, 78, 92

Triad

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



206, 77, 142



116, 133, 13



0, 144, 201

Complementary

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



206, 77, 142



77, 206, 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, 148, 159



206, 77, 142



50, 142, 58

Square

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



206, 77, 142



162, 117, 7



0, 147, 107



0, 135, 223

Rectangle

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



206, 77, 142



204, 89, 62



0, 147, 107



0, 146, 189

Sweetspot

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



206, 77, 142



255, 207, 231



139, 77, 206



128, 98, 113



0, 0, 0



128, 128, 128

Same Dimension

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



206, 77, 142



255, 64, 160



206, 77, 79



102, 92, 97



166, 0, 84



38, 0, 19

Inverse Universe

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



206, 77, 142



255, 64, 160



77, 206, 204



102, 92, 97



166, 0, 84



38, 0, 19

Previews

White Background



This preview shows how the RGB color 206, 77, 142 looks on a white background.

Color Contrast Check

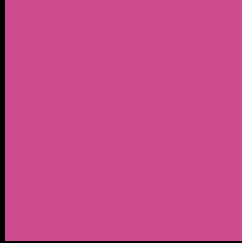
Large Text (above 18pt) WCAG AA ✓ Pass

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 206, 77, 142 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 206, 77, 142 Background



This preview shows how black text looks on a background with the RGB color 206, 77, 142.

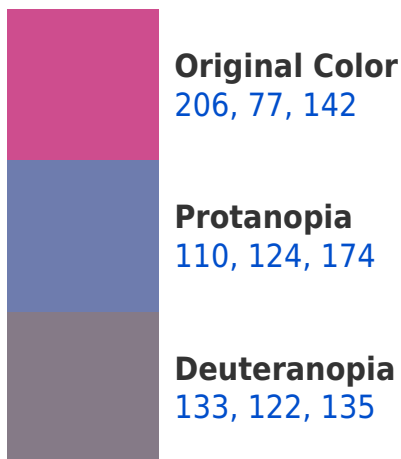


This preview shows how white text looks on a background with the RGB color 206, 77, 142.

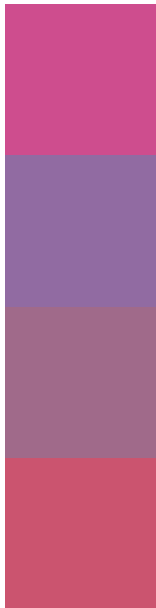
Color Blindness Simulation

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



Trichromacy



Original Color

206, 77, 142

Protanomaly

145, 107, 162

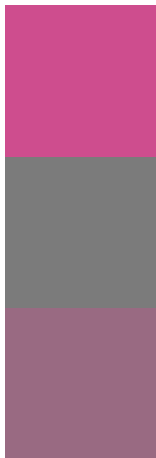
Deuteranomaly

160, 106, 138

Tritanomaly

203, 84, 111

Monochromacy



Original Color

206, 77, 142

Achromatopsia

123, 123, 123

Achromatomaly

153, 106, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 77, 142 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(206, 77, 142) looks like.

```
.text, #text, p{  
    color:rgb(206, 77, 142)  
}
```

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(206, 77, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 77, 142) }
```

Border

The CSS property to change the border of an element to RGB 206, 77, 142 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(206, 77, 142) }
```

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

```
.border{ border-color:rgb(206, 77, 142) }
```

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

Here you see how a box with a 4 pixel rgb(206, 77, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 77, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 77, 142);  
box-shadow:4px 4px 4px 4px rgb(206, 77,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 206, 77, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 77, 142) }
```

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

```
.background{ background-color: rgb(206, 77,  
142) }
```

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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