

Converting Colors

RGB(207, 31, 128)

Have a look what the booklet for
RGB(207, 31, 128) contains.

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Color

RGB(207, 31, 128)

Conversions

Conversions Part 1

Format	Color
Hex	CF1F80
RGB	207, 31, 128
RGB Percent	81%, 12%, 50%
CMY	0.1882, 0.8784, 0.4980
CMYK	0.00, 0.85, 0.38, 0.19
HSL	327°, 74%, 47%
HSV	327°, 85%, 81%
XYZ	30.1184, 15.8039, 21.8851
YIQ	94.6820, 73.7590, 67.4790

Conversions

Conversions Part 2

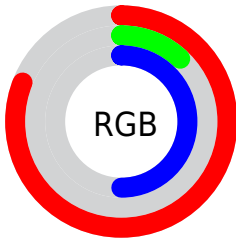
Format	Color
R_{YB}	207, 31, 128
Decimal	13574016
CIE _{Lab}	46.72, 70.55, -9.02
CIE _{LCh}	47, 71.126, 352.712
Yxy	15.8039, 0.4442, 0.2331
Android (android.graphics.Color)	4291764096 (0xFFCF1F80)
YUV	94.6820, 16.4258, 98.5029
Hunter-Lab	39.7541, 65.6650, -4.8120

Details

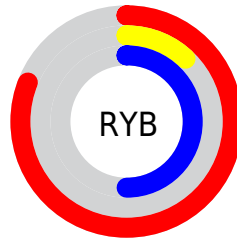
The RGB color **207, 31, 128** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **31, 207, 110**, and the grayscale version is **94, 94, 94**.

A 20% lighter version of the original color is **255, 99, 181**, and **147, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **207, 10, 119**, and if you desaturate by 10%, it is **207, 52, 137**.

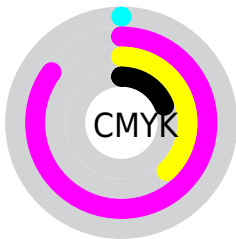
Distribution



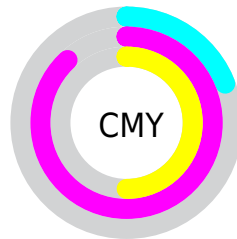
- Red (81%)
- Green (12%)
- Blue (50%)



- Red (81%)
- Yellow (12%)
- Blue (50%)



- Cyan (0%)
- Magenta (85%)
- Yellow (38%)
- Black (19%)



- Cyan (19%)
- Magenta (88%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 31, 128 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 207, 31, 128 by changing the saturation by 10% instead.

 207, 31, 128

 207, 31, 128

255, 255, 255

 177, 0, 103

 255, 99, 181

 147, 0, 79

 255, 129, 208

 118, 0, 56

 255, 158, 237

 89, 0, 35

 255, 187, 255

 61, 0, 11

 255, 217, 255

 26, 0, 1

 255, 247, 255

 0, 0, 0

 207, 31, 128

 207, 31, 128

 207, 10, 119

 207, 52, 137

■ 207, 0, 114

■ 207, 72, 147

■ 207, 93, 156

■ 207, 114, 165

■ 207, 135, 174

■ 207, 155, 184

■ 207, 176, 193

■ 207, 197, 202

■ 207, 217, 212

Harmonies

Analogous

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



166, 68, 184



207, 31, 128



212, 39, 69

Triad

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



207, 31, 128



91, 121, 0



0, 133, 206

Complementary

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



207, 31, 128



31, 207, 110

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, 136, 155



207, 31, 128



0, 131, 28

Square

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



207, 31, 128



147, 103, 0



0, 135, 94



0, 123, 231

Rectangle

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



207, 31, 128



199, 63, 30



0, 135, 94



0, 135, 191

Sweetspot

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



207, 31, 128



255, 189, 225



107, 31, 207



128, 88, 110



0, 0, 0



128, 128, 128

Same Dimension

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



207, 31, 128



255, 0, 141



207, 31, 43



105, 94, 100



168, 0, 93



41, 0, 22

Inverse Universe

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



207, 31, 128



255, 0, 141



31, 207, 195



105, 94, 100



168, 0, 93



41, 0, 22

Previews

White Background



This preview shows how the RGB color 207, 31, 128 looks on a white background.

Color Contrast Check

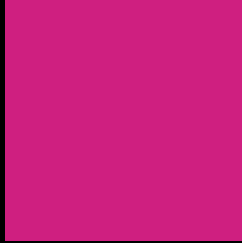
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 207, 31, 128 looks on a black 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

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

RGB 207, 31, 128 Background



This preview shows how black text looks on a background with the RGB color 207, 31, 128.

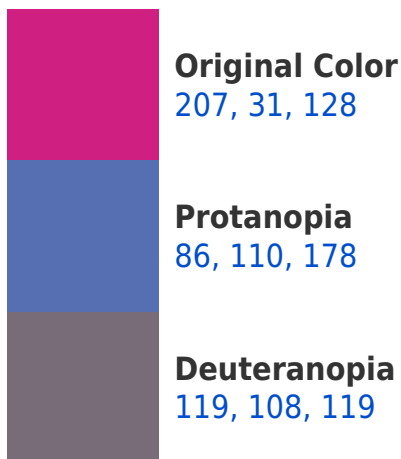


This preview shows how white text looks on a background with the RGB color 207, 31, 128.

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
203, 57, 59

Trichromacy



Original Color

207, 31, 128



Protanomaly

130, 81, 160



Deuteranomaly

151, 80, 122



Tritanomaly

204, 48, 84

Monochromacy



Original Color

207, 31, 128



Achromatopsia

95, 95, 95



Achromatomaly

136, 72, 107

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 31, 128 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(207, 31, 128)` looks like.

```
.text, #text, p{  
    color:rgb(207, 31, 128)  
}
```

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(207, 31, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 31, 128) }
```

Border

The CSS property to change the border of an element to RGB 207, 31, 128 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(207, 31, 128) }
```

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

```
.border{ border-color:rgb(207, 31, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 31, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 31, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 31, 128);  
box-shadow:4px 4px 4px 4px rgb(207, 31,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 207, 31, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 31, 128) }
```

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

```
.background{ background-color: rgb(207, 31,  
128) }
```

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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