

Converting Colors

RGB(214, 21, 128)

Have a look what the booklet for
RGB(214, 21, 128) contains.

RGB(214, 21, 128)	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(214, 21, 128)

Conversions

Conversions Part 1

Format	Color
Hex	D61580
RGB	214, 21, 128
RGB Percent	84%, 8%, 50%
CMY	0.1608, 0.9176, 0.4980
CMYK	0.00, 0.90, 0.40, 0.16
HSL	327°, 82%, 46%
HSV	327°, 90%, 84%
XYZ	31.8960, 16.3910, 21.9047
YIQ	90.9050, 80.6810, 74.1930

Conversions

Conversions Part 2

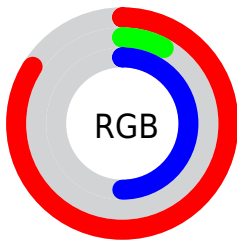
Format	Color
R_{YB}	214, 21, 128
Decimal	14030208
CIE _{Lab}	47.48, 73.82, -7.74
CIE _{LCh}	47, 74.227, 354.018
Yxy	16.3910, 0.4544, 0.2335
Android (android.graphics.Color)	4292220288 (0xFFD61580)
YUV	90.9050, 18.2878, 107.9543
Hunter-Lab	40.4858, 69.7779, -3.7387

Details

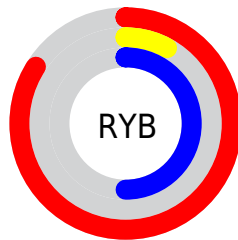
The RGB color **214, 21, 128** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21, 214, 107**, and the grayscale version is **91, 91, 91**.

A 20% lighter version of the original color is **255, 96, 181**, and **153, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **214, 0, 119**, and if you desaturate by 10%, it is **214, 42, 138**.

Distribution



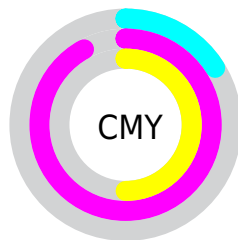
- Red (84%)
- Green (8%)
- Blue (50%)



- Red (84%)
- Yellow (8%)
- Blue (50%)



- Cyan (0%)
- Magenta (90%)
- Yellow (40%)
- Black (16%)




- Cyan (16%)
- Magenta (92%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 21, 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 214, 21, 128 by changing the saturation by 10% instead.

 214, 21, 128

 214, 21, 128

255, 255, 255

 183, 0, 103

 255, 96, 181

 153, 0, 79

 255, 127, 208

 123, 0, 56

 255, 156, 236

 94, 0, 35

 255, 186, 255

 67, 0, 11

 255, 216, 255

 34, 0, 1

 255, 246, 255


 0, 0, 0

 214, 21, 128


 214, 21, 128


 214, 0, 119


 214, 42, 138


 214, 64, 147


 214, 85, 157

 214, 107, 166

 214, 128, 176

 214, 149, 185

 214, 171, 195

 214, 192, 204

 214, 214, 214

Harmonies

Analogous

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



173, 66, 187



214, 21, 128



217, 35, 66

Triad

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



214, 21, 128



88, 124, 0



0, 136, 214

Complementary

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



214, 21, 128



21, 214, 107

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, 139, 162



214, 21, 128



0, 134, 28

Square

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



214, 21, 128



148, 106, 0



0, 138, 98



0, 125, 239

Rectangle

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



214, 21, 128



203, 64, 24



0, 138, 98



0, 138, 199

Sweetspot

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



214, 21, 128



255, 186, 224



105, 21, 214



128, 87, 109



0, 0, 0



128, 128, 128

Same Dimension

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



214, 21, 128



255, 0, 141



214, 21, 34



107, 96, 102



171, 0, 95



43, 0, 24

Inverse Universe

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



214, 21, 128



255, 0, 141



21, 214, 201



107, 96, 102



171, 0, 95



43, 0, 24

Previews

White Background



This preview shows how the RGB color 214, 21, 128 looks on a white background.

Color Contrast Check

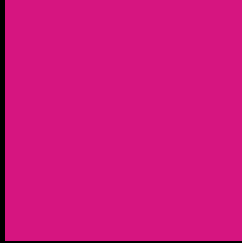
Large Text (above 18pt) WCAG AA ✓ Pass

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 214, 21, 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 214, 21, 128 Background



This preview shows how black text looks on a background with the RGB color 214, 21, 128.

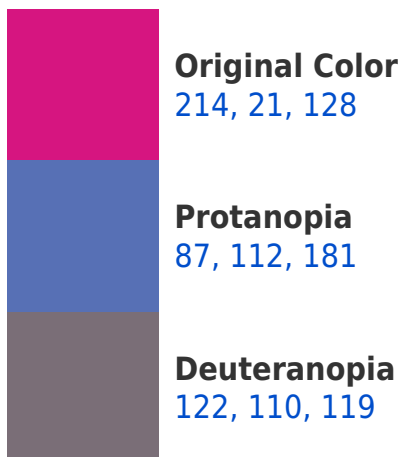


This preview shows how white text looks on a background with the RGB color 214, 21, 128.

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
210, 53, 55

Trichromacy



Original Color

214, 21, 128



Protanomaly

133, 79, 162



Deuteranomaly

155, 78, 122



Tritanomaly

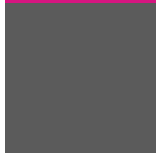
211, 41, 82

Monochromacy



Original Color

214, 21, 128



Achromatopsia

91, 91, 91



Achromatomaly

136, 66, 104

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 21, 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(214, 21, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 21, 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(214, 21, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 21, 128) }
```

Border

The CSS property to change the border of an element to RGB 214, 21, 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(214, 21, 128) }
```

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

```
.border{ border-color:rgb(214, 21, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 21, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 21, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 21, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 21,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 214, 21, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 21, 128) }
```

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

```
.background{ background-color: rgb(214, 21,  
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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