

# Converting Colors

RGB(214, 128, 128)

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

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# Color

**RGB(214, 128, 128)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D68080
RGB	214, 128, 128
RGB Percent	84%, 50%, 50%
CMY	0.1608, 0.4980, 0.4980
CMYK	0.00, 0.40, 0.40, 0.16
HSL	0°, 51%, 67%
HSV	0°, 40%, 84%
XYZ	39.3470, 31.2930, 24.3884
YIQ	153.7140, 51.2560, 18.2320

# Conversions

## Conversions Part 2

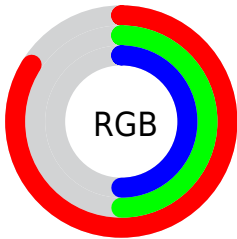
Format	Color
R <sub>Y</sub> B	214, 128, 128
Decimal	14057600
CIE Lab	62.75, 33.19, 14.32
CIE LCh	63, 36.145, 23.343
Yxy	31.2930, 0.4141, 0.3293
Android (android.graphics.Color)	4292247680 (0xFFD68080)
YUV	153.7140, -12.6770, 52.8708
Hunter-Lab	55.9401, 27.6575, 13.3092

# Details

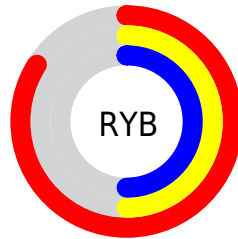
The RGB color **214, 128, 128** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **128, 214, 214**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 182, 181**, and **156, 77, 79** is the 20% darker color. If you saturate the color by 10%, you get **214, 107, 107**, and if you desaturate by 10%, it is **214, 149, 149**.

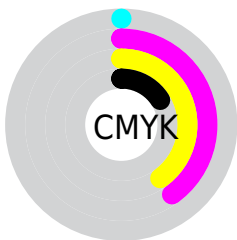
# Distribution



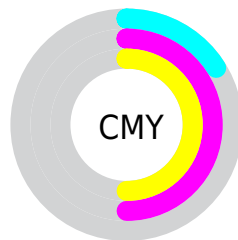
- Red (84%)
- Green (50%)
- Blue (50%)



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



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




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

# Brightness & Saturation Gradients

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



 214, 128, 128

 214, 128, 128

255, 255, 255

 185, 102, 103


 255, 182, 181

 156, 77, 79

 255, 210, 208

 129, 53, 56

 255, 238, 237


 101, 28, 35


 75, 1, 13


 50, 0, 0

 5, 0, 0


 0, 0, 0

 214, 128, 128

 214, 128, 128

 214, 107, 107

 214, 149, 149

 214, 85, 85

 214, 171, 171

 214, 64, 64

 214, 192, 192

 214, 42, 42

 214, 214, 214

 214, 21, 21

 214, 235, 235

 214, 0, 0

 214, 255, 255

# Harmonies

## Analogous

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



209, 127, 160



214, 128, 128



203, 136, 101

# Triad

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



214, 128, 128



110, 165, 112



91, 157, 215

# Complementary

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



214, 128, 128



128, 214, 214

# 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.



20, 165, 202



214, 128, 128



65, 168, 143

# Square

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



214, 128, 128



147, 158, 92



0, 169, 176



145, 146, 211

# Rectangle

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



214, 128, 128



188, 144, 90



0, 169, 176



70, 160, 213



# Sweetspot

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



214, 128, 128



255, 224, 224



214, 128, 214



128, 110, 110



0, 0, 0



128, 128, 128



# Same Dimension

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



214, 128, 128



255, 133, 133



214, 171, 128



107, 96, 96



171, 0, 0



43, 0, 0



# Inverse Universe

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



128, 214, 214



133, 255, 255



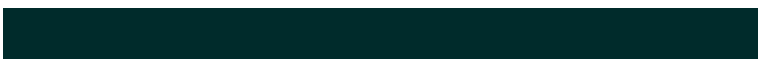
128, 171, 214



96, 107, 107



0, 171, 171



0, 43, 43



# Previews

## White Background



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

## Color Contrast Check

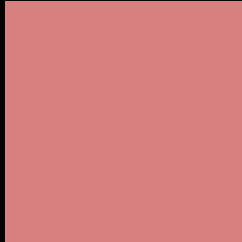
Large Text (above 18pt) WCAG AA × Fail

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 214, 128, 128 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 ✓ Pass

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



## RGB 214, 128, 128 Background



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

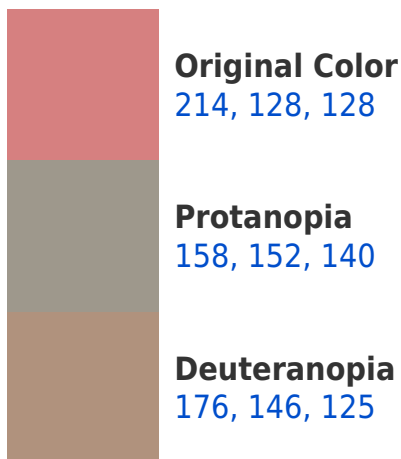


This preview shows how white text looks on a background with the RGB color 214, 128, 128.

# 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**  
215, 127, 136

# Trichromacy



**Original Color**  
214, 128, 128

**Protanomaly**  
178, 143, 136

**Deuteranomaly**  
190, 139, 126

**Tritanomaly**  
215, 127, 133

# Monochromacy



**Original Color**  
214, 128, 128

**Achromatopsia**  
154, 154, 154

**Achromatomaly**  
176, 145, 145

# CSS Examples

## Text

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

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

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

## Border

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

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

```
.border{ border-color:rgb(214, 128, 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, 128, 128)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to RGB 214, 128, 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, 128, 128) }
```

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

```
.background{ background-color: rgb(214,  
128, 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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