

Converting Colors

`RYB(214, 216, 221)`

Have a look what the booklet for
RYB(214, 216, 221) contains.

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Color

$\text{RYB}(214, 216, 221)$

Conversions

Conversions Part 1	
Format	Color
Hex	D6D9DD
RGB	214, 217, 221
RGB Percent	84%, 85%, 87%
CMY	0.1608, 0.1498, 0.1333
CMYK	0.03, 0.02, 0.00, 0.13
HSL	216°, 9%, 85%
HSV	216°, 3%, 87%
XYZ	65.5440, 69.0393, 78.2780
YIQ	216.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

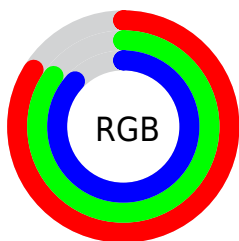
Format	Color
RYB	214, 216, 221
Decimal	14080477
CIELab	86.52, -0.17, -2.40
CIELCh	87, 2.408, 265.950
Yxy	69.0393, 0.3079, 0.3243
Android (android.graphics.Color)	4292270557 (0xFFD6D9DD)
YUV	216.5590, 2.1894, -2.2442
Hunter-Lab	83.0899, -4.6006, 2.3065

Details

The RYB color **214, 216, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 221, 214**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 161, 166** is the 20% darker color. If you saturate the color by 10%, you get **192, 200, 221**, and if you desaturate by 10%, it is **231, 236, 221**.

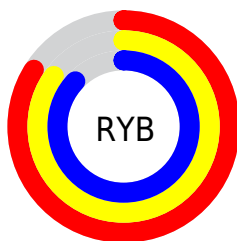
Distribution



Red (84%)

Green (85%)

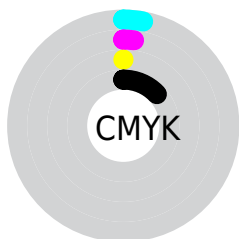
Blue (87%)



Red (84%)

Yellow (85%)

Blue (87%)

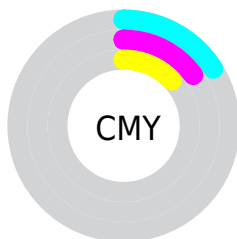


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 214, 216, 221 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 RYB color 214, 216, 221 by changing the saturation by 10% instead.

 214, 216, 221

 214, 216, 221

255, 255, 255


 186, 188, 193

 159, 161, 166

 133, 135, 140

 108, 110, 114

 84, 86, 90

 61, 62, 66

 39, 40, 44

 18, 20, 24


 0, 0, 0

 214, 216, 221

 214, 216, 221

 192, 200, 221

 231, 236, 221


 170, 184, 221


 240, 255, 221


 148, 169, 221

 221, 255, 221

 126, 153, 221

 104, 138, 221

 81, 121, 221

 59, 105, 221

 37, 90, 221

 15, 74, 221

Harmonies

Analogous

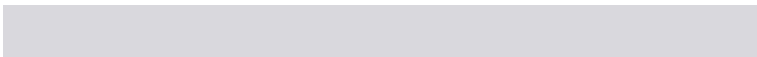
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 215, 220



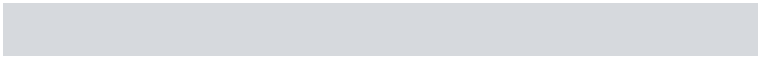
214, 216, 221



217, 216, 221

Triad

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



214, 216, 221



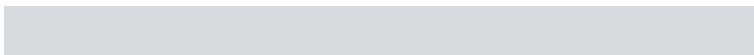
222, 215, 215



214, 218, 218

Complementary

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



214, 216, 221



219, 221, 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.



212, 217, 213



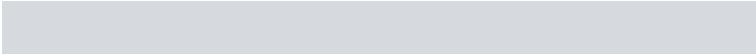
214, 216, 221



221, 218, 213

Square

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



214, 216, 221



221, 215, 217



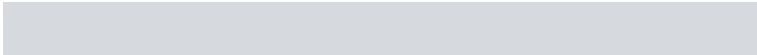
217, 219, 212



212, 216, 218

Rectangle

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



214, 216, 221



218, 216, 220



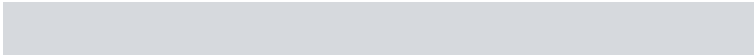
217, 219, 212



213, 217, 215

Sweetspot

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



214, 216, 221



252, 253, 255



214, 218, 221



126, 127, 128



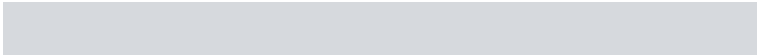
0, 0, 0



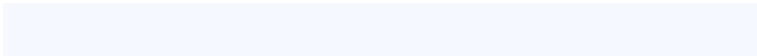
128, 128, 128

Same Dimension

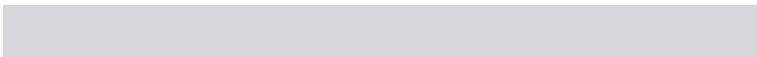
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 216, 221



245, 248, 255



215, 214, 221



104, 106, 110



0, 49, 173



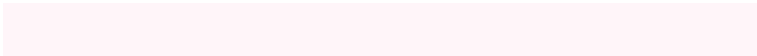
0, 13, 46

Inverse Universe

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



221, 214, 217



255, 245, 249



214, 221, 215



110, 104, 106



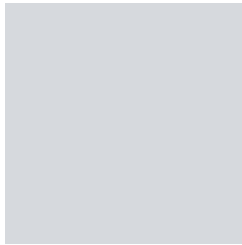
173, 0, 69



46, 0, 18

Previews

White Background



This preview shows how the RGB color 214, 216, 221 looks on a white background.

Color Contrast Check

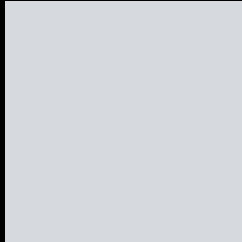
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 214, 216, 221 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

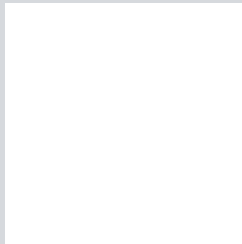
Any Text WCAG AAA ✓ Pass

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

RYB 214, 216, 221 Background



This preview shows how black text looks on a background with the RYB color 214, 216, 221.

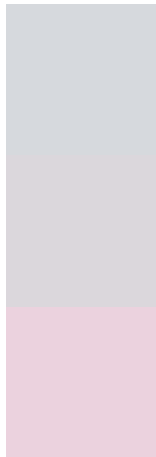


This preview shows how white text looks on a background with the RYB color 214, 216, 221.

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



Original Color
[214, 216, 221](#)

Protanopia
[219, 215, 220](#)

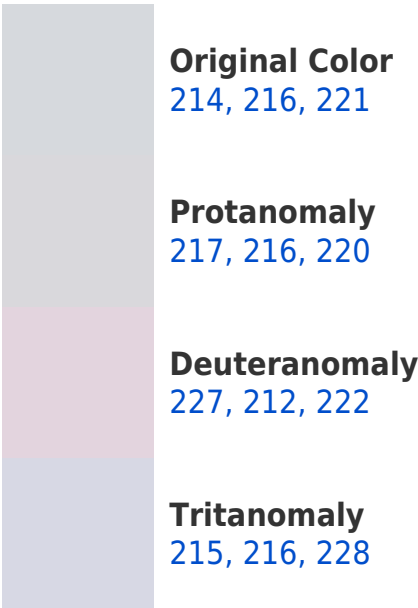
Deuteranopia
[235, 210, 222](#)



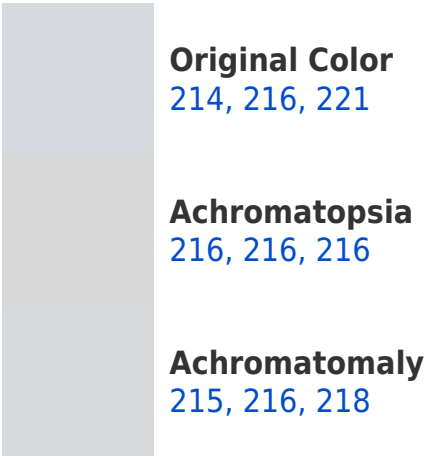
Tritanopia

216, 215, 232

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 216, 221 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, 217, 221) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 221)  
}
```

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, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 221) }
```

Border

The CSS property to change the border of an element to RYB 214, 216, 221 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, 217, 221) }
```

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

```
.border{ border-color:rgb(214, 217, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 214, 216, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 221) }
```

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

```
.background{ background-color: rgb(214,  
217, 221) }
```

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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