

Converting Colors

RGB(220, 218, 221)

Have a look what the booklet for
RGB(220, 218, 221) contains.

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Color

RGB(220, 218, 221)

Conversions

Conversions Part 1

Format	Color
Hex	DCDADD
RGB	220, 218, 221
RGB Percent	86%, 85%, 87%
CMY	0.1373, 0.1451, 0.1333
CMYK	0.00, 0.01, 0.00, 0.13
HSL	280°, 4%, 86%
HSV	280°, 1%, 87%
XYZ	67.6377, 70.5789, 78.4648
YIQ	218.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

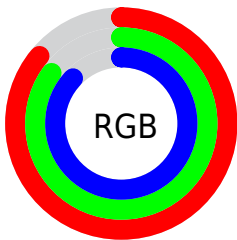
Format	Color
R_{YB}	220, 218, 221
Decimal	14473949
CIE _{Lab}	87.28, 1.22, -1.24
CIE _{LCh}	87, 1.742, 314.620
Yxy	70.5789, 0.3122, 0.3257
Android (android.graphics.Color)	4292664029 (0xFFDCDADD)
YUV	218.9400, 1.0156, 0.9296
Hunter-Lab	84.0113, -3.3087, 3.4322

Details

The RGB color **220, 218, 221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 221, 218**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **165, 163, 166** is the 20% darker color. If you saturate the color by 10%, you get **213, 196, 221**, and if you desaturate by 10%, it is **227, 240, 221**.

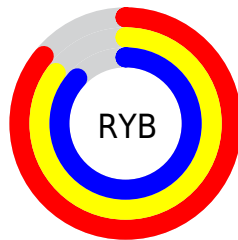
Distribution



Red (86%)

Green (85%)

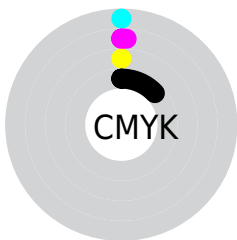
Blue (87%)



Red (86%)

Yellow (85%)

Blue (87%)

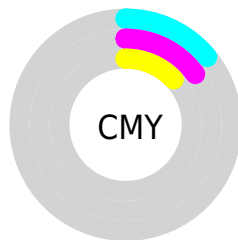


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 218, 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 RGB color 220, 218, 221 by changing the saturation by 10% instead.

■ 220, 218, 221

255, 255, 255

■ 220, 218, 221

■ 192, 190, 193

■ 165, 163, 166

■ 139, 137, 140

■ 113, 112, 114

■ 89, 87, 90

■ 66, 64, 66


■ 43, 42, 44

■ 23, 22, 24

■ 0, 0, 0

 220, 218, 221

 220, 218, 221

 213, 196, 221


 227, 240, 221

 205, 174, 221

 235, 255, 221

 198, 152, 221


 242, 255, 221


 191, 130, 221


 249, 255, 221


 183, 107, 221

 255, 255, 221

 176, 85, 221

 168, 63, 221

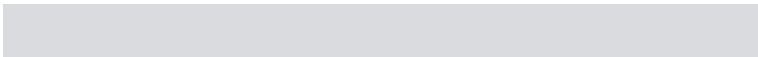
 161, 41, 221

 154, 19, 221

Harmonies

Analogous

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



218, 219, 222



220, 218, 221



222, 218, 220

Triad

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



220, 218, 221



221, 218, 215



215, 220, 219

Complementary

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



220, 218, 221



219, 221, 218

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.



216, 220, 218



220, 218, 221



219, 219, 215

Square

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



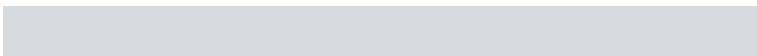
220, 218, 221



222, 218, 216



217, 219, 216



215, 219, 221

Rectangle

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



220, 218, 221



222, 218, 218



217, 219, 216



215, 220, 219

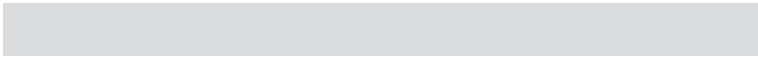
Sweetspot

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



220, 218, 221

255, 255, 255



218, 219, 221



128, 128, 128



0, 0, 0

Same Dimension

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



220, 218, 221



253, 250, 255



221, 218, 221



109, 107, 110



116, 0, 173



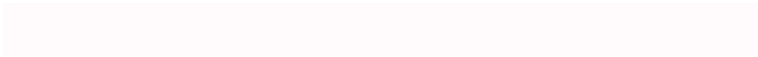
31, 0, 46

Inverse Universe

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



221, 218, 219



255, 250, 252



218, 221, 219



110, 107, 108



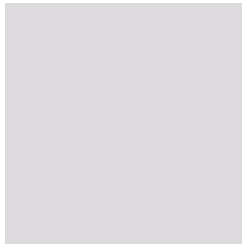
173, 0, 58



46, 0, 15

Previews

White Background



This preview shows how the RGB color 220, 218, 221 looks on a white background.

Color Contrast Check

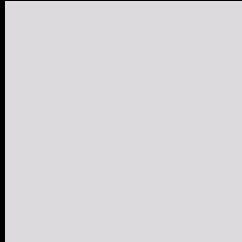
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 220, 218, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

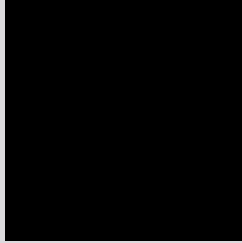
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

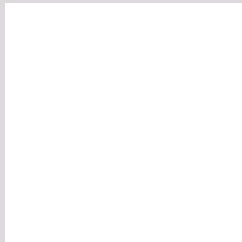
Any Text WCAG AAA ✓ Pass

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

RGB 220, 218, 221 Background



This preview shows how black text looks on a background with the RGB color 220, 218, 221.

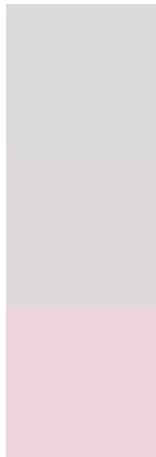


This preview shows how white text looks on a background with the RGB color 220, 218, 221.

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
[220, 218, 221](#)

Protanopia
[222, 217, 221](#)

Deuteranopia
[238, 212, 222](#)



Tritanopia
222, 216, 233

Trichromacy



Original Color

220, 218, 221

Protanomaly

221, 217, 221

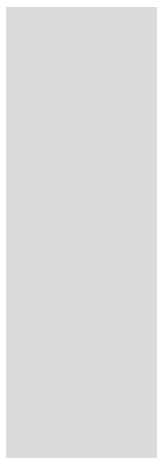
Deuteranomaly

231, 214, 222

Tritanomaly

221, 217, 229

Monochromacy



Original Color

220, 218, 221

Achromatopsia

219, 219, 219

Achromatomaly

219, 219, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 218, 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(220, 218, 221) looks like.

```
.text, #text, p{  
    color:rgb(220, 218, 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(220, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 218, 221) }
```

Border

The CSS property to change the border of an element to RGB 220, 218, 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(220, 218, 221) }
```

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

```
.border{ border-color:rgb(220, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 218,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 220, 218, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 218, 221) }
```

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

```
.background{ background-color: rgb(220,  
218, 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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