

Converting Colors

RGB(213, 212, 220)

Have a look what the booklet for
RGB(213, 212, 220) contains.

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Color

RGB(213, 212, 220)

Conversions

Conversions Part 1

Format	Color
Hex	D5D4DC
RGB	213, 212, 220
RGB Percent	84%, 83%, 86%
CMY	0.1647, 0.1686, 0.1373
CMYK	0.03, 0.04, 0.00, 0.14
HSL	248°, 10%, 85%
HSV	248°, 4%, 86%
XYZ	63.9023, 66.4004, 77.1587
YIQ	213.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

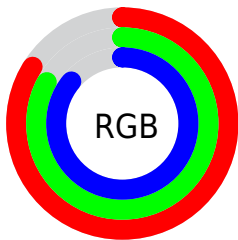
Format	Color
R _Y B	213, 212, 220
Decimal	14013660
CIE Lab	85.20, 1.81, -3.83
CIE LCh	85, 4.234, 295.374
Yxy	66.4004, 0.3080, 0.3201
Android (android.graphics.Color)	4292203740 (0xFFD5D4DC)
YUV	213.2110, 3.3470, -0.1850
Hunter-Lab	81.4864, -2.6201, 0.8994

Details

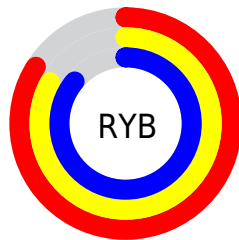
The RGB color **213, 212, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 220, 212**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 157, 165** is the 20% darker color. If you saturate the color by 10%, you get **194, 190, 220**, and if you desaturate by 10%, it is **232, 234, 220**.

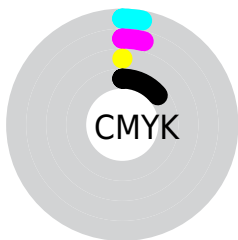
Distribution



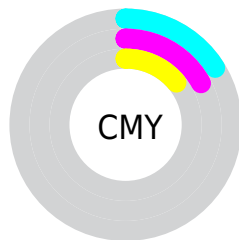
- Red (84%)
- Green (83%)
- Blue (86%)



- Red (84%)
- Yellow (83%)
- Blue (86%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 212, 220 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 213, 212, 220 by changing the saturation by 10% instead.

■ 213, 212, 220

255, 255, 255

■ 213, 212, 220

■ 185, 184, 192

■ 158, 157, 165

■ 132, 131, 139

■ 107, 106, 113

■ 83, 82, 89

■ 60, 59, 65


■ 38, 37, 43

■ 18, 17, 23

■ 0, 0, 0

 213, 212, 220

 213, 212, 220

 194, 190, 220


 232, 234, 220


 175, 168, 220

 251, 255, 220

 155, 146, 220

 255, 255, 220


 136, 124, 220

 117, 102, 220

 98, 80, 220

 78, 58, 220

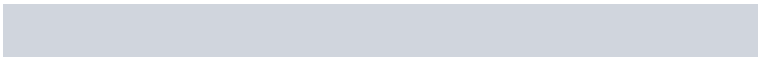
 59, 36, 220

 40, 14, 220

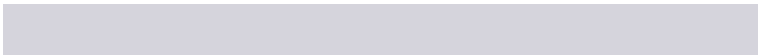
Harmonies

Analogous

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



208, 213, 221



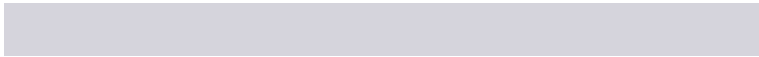
213, 212, 220



218, 211, 217

Triad

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



213, 212, 220



220, 211, 206



205, 215, 212

Complementary

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



213, 212, 220



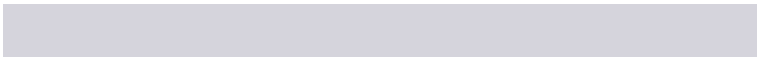
219, 220, 212

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.



208, 215, 208



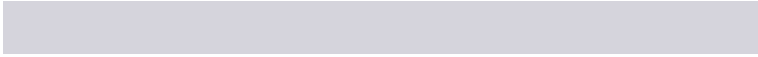
213, 212, 220



217, 212, 205

Square

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



213, 212, 220



222, 210, 210



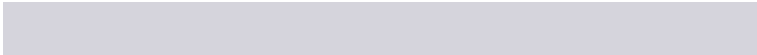
212, 214, 206



203, 215, 216

Rectangle

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



213, 212, 220



220, 210, 215



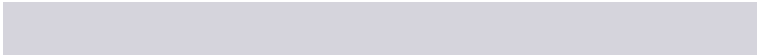
212, 214, 206



205, 215, 211

Sweetspot

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



213, 212, 220



253, 252, 255



212, 219, 220



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 212, 220



246, 245, 255



217, 212, 220



105, 104, 110



22, 0, 173



6, 0, 46

Inverse Universe

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



220, 212, 219



255, 245, 254



215, 220, 212



110, 104, 109



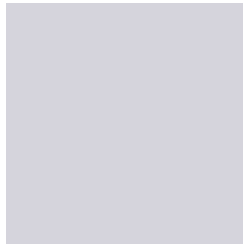
173, 0, 152



46, 0, 40

Previews

White Background



This preview shows how the RGB color 213, 212, 220 looks on a white background.

Color Contrast Check

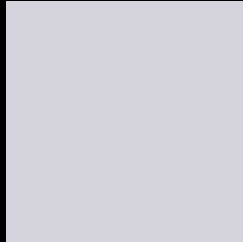
Large Text (above 18pt) WCAG AA × Fail

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 213, 212, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

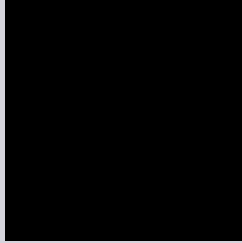
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

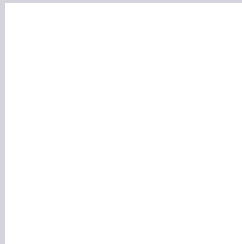
Any Text WCAG AAA ✓ Pass

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

RGB 213, 212, 220 Background



This preview shows how black text looks on a background with the RGB color 213, 212, 220.

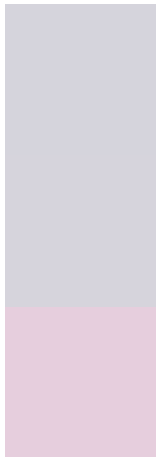


This preview shows how white text looks on a background with the RGB color 213, 212, 220.

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](#).

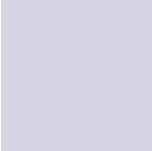
Dichromacy



Original Color
213, 212, 220

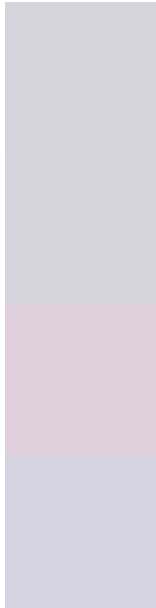
Protanopia
214, 212, 220

Deuteranopia
230, 206, 221



Tritanopia
214, 211, 227

Trichromacy



Original Color

213, 212, 220

Protanomaly

214, 212, 220

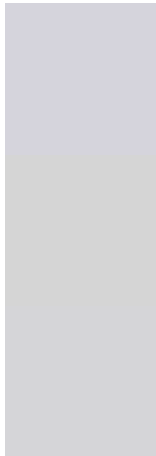
Deuteranomaly

224, 208, 221

Tritanomaly

214, 211, 224

Monochromacy



Original Color

213, 212, 220

Achromatopsia

213, 213, 213

Achromatomaly

213, 213, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 212, 220 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(213, 212, 220) looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 220)  
}
```

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(213, 212, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 220) }
```

Border

The CSS property to change the border of an element to RGB 213, 212, 220 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(213, 212, 220) }
```

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

```
.border{ border-color:rgb(213, 212, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 212, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 213, 212, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 220) }
```

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

```
.background{ background-color: rgb(213,  
212, 220) }
```

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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