

Converting Colors

RGB(218, 221, 228)

Have a look what the booklet for
RGB(218, 221, 228) contains.

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Color

RGB(218, 221, 228)

Conversions

Conversions Part 1

Format	Color
Hex	DADDE4
RGB	218, 221, 228
RGB Percent	85%, 87%, 89%
CMY	0.1451, 0.1333, 0.1059
CMYK	0.04, 0.03, 0.00, 0.11
HSL	222°, 16%, 87%
HSV	222°, 4%, 89%
XYZ	68.7735, 72.2198, 83.7138
YIQ	220.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

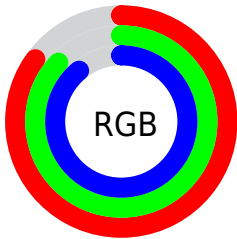
Format	Color
R _Y B	218, 220, 228
Decimal	14343652
CIE Lab	88.07, 0.28, -3.78
CIE LCh	88, 3.794, 274.304
Yxy	72.2198, 0.3061, 0.3214
Android (android.graphics.Color)	4292533732 (0xFFDADDE4)
YUV	220.9010, 3.4998, -2.5442
Hunter-Lab	84.9822, -4.2643, 1.0825

Details

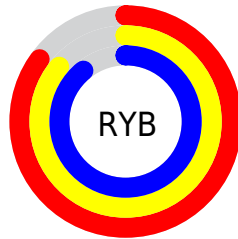
The RGB color **218, 221, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **228, 225, 218**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 166, 173** is the 20% darker color. If you saturate the color by 10%, you get **195, 205, 228**, and if you desaturate by 10%, it is **241, 237, 228**.

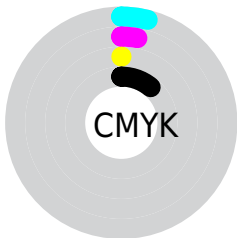
Distribution



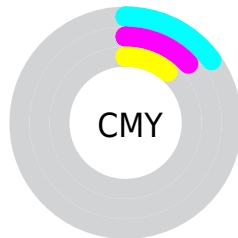
- Red (85%)
- Green (87%)
- Blue (89%)



- Red (85%)
- Yellow (86%)
- Blue (89%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 221, 228 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 218, 221, 228 by changing the saturation by 10% instead.

■ 218, 221, 228

255, 255, 255

■ 218, 221, 228

■ 190, 193, 200

■ 163, 166, 173

■ 137, 140, 146

■ 111, 114, 120

■ 87, 90, 96

■ 64, 66, 72

■ 42, 44, 50

■ 21, 24, 29

■ 0, 0, 1

■ 218, 221, 228

■ 218, 221, 228

■ 195, 205, 228

■ 241, 237, 228

■ 172, 189, 228

■ 255, 253, 228

■ 150, 173, 228

■ 255, 255, 228

■ 127, 157, 228

■ 104, 141, 228

■ 81, 125, 228

■ 58, 109, 228

■ 36, 93, 228

■ 13, 77, 228

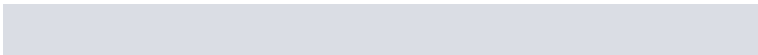
Harmonies

Analogous

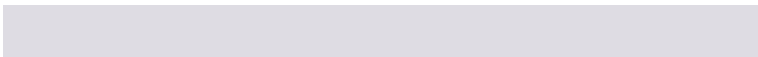
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 222, 227



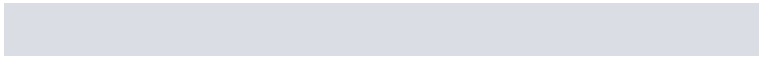
218, 221, 228



222, 220, 227

Triad

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



218, 221, 228



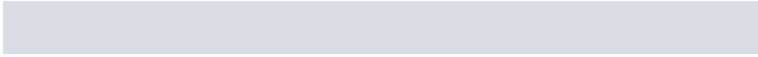
229, 219, 217



215, 223, 218

Complementary

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



218, 221, 228



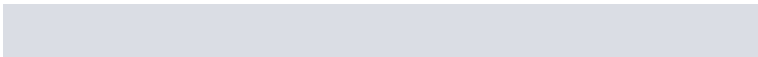
228, 225, 218

Split Complementary

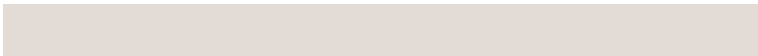
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 222, 215



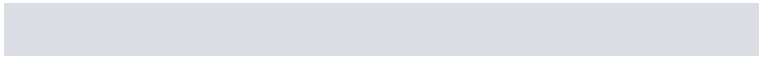
218, 221, 228



227, 220, 214

Square

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



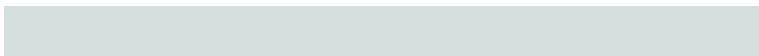
218, 221, 228



229, 219, 220



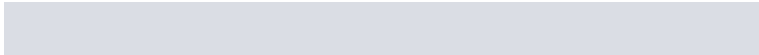
224, 221, 214



213, 223, 221

Rectangle

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



218, 221, 228



225, 219, 225



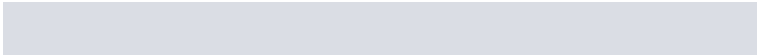
224, 221, 214



217, 223, 217

Sweetspot

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



218, 221, 228



252, 253, 255



218, 228, 225



126, 127, 128



0, 0, 0



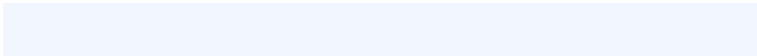
128, 128, 128

Same Dimension

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



218, 221, 228



242, 246, 255



220, 218, 228



108, 110, 115



0, 54, 179



0, 15, 51

Inverse Universe

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



228, 218, 221



255, 242, 246



226, 228, 218



115, 108, 110



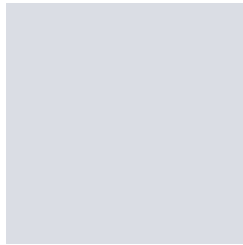
179, 0, 54



51, 0, 15

Previews

White Background



This preview shows how the RGB color 218, 221, 228 looks on a white background.

Color Contrast Check

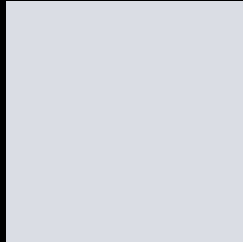
Large Text (above 18pt) WCAG AA × Fail

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 218, 221, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

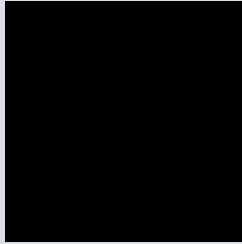
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

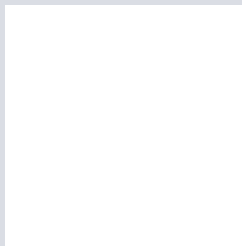
Any Text WCAG AAA ✓ Pass

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

RGB 218, 221, 228 Background



This preview shows how black text looks on a background with the RGB color 218, 221, 228.

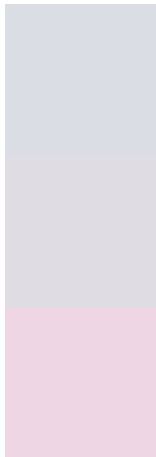


This preview shows how white text looks on a background with the RGB color 218, 221, 228.

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
218, 221, 228

Protanopia
223, 220, 227

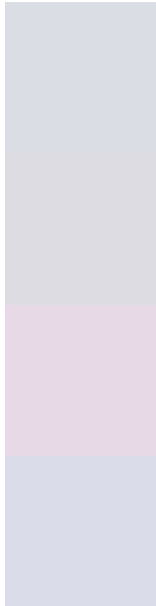
Deuteranopia
238, 214, 229



Tritanopia

219, 220, 237

Trichromacy



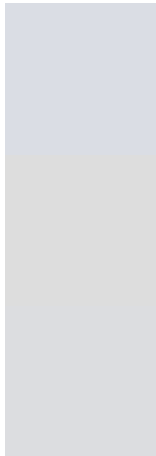
Original Color
218, 221, 228

Protanomaly
221, 220, 227

Deuteranomaly
231, 217, 229

Tritanomaly
219, 220, 234

Monochromacy



Original Color
218, 221, 228

Achromatopsia
221, 221, 221

Achromatomaly
220, 221, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 221, 228 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(218, 221, 228) looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 228)  
}
```

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(218, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 228) }
```

Border

The CSS property to change the border of an element to RGB 218, 221, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

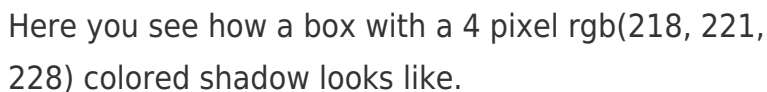
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 221, 228) }
```

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

```
.border{ border-color:rgb(218, 221, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 221, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 221, 228); box-shadow:4px 4px 4px 4px rgb(218, 221, 228) }
```

Background

The CSS property to change the background color of an element to RGB 218, 221, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 228) }
```

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

```
.background{ background-color: rgb(218,  
221, 228) }
```

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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