

Converting Colors

RGB(218, 228, 230)

Have a look what the booklet for
RGB(218, 228, 230) contains.

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Color

RGB(218, 228, 230)

Conversions

Conversions Part 1

Format	Color
Hex	DAE4E6
RGB	218, 228, 230
RGB Percent	85%, 89%, 90%
CMY	0.1451, 0.1059, 0.0980
CMYK	0.05, 0.01, 0.00, 0.10
HSL	190°, 19%, 88%
HSV	190°, 5%, 90%
XYZ	70.9398, 76.1054, 85.8138
YIQ	225.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

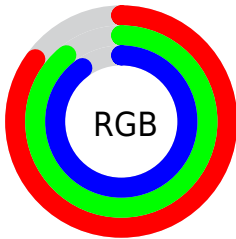
Format	Color
R _Y B	218, 223, 230
Decimal	14345446
CIE Lab	89.91, -2.96, -2.14
CIE LCh	90, 3.649, 215.904
Yxy	76.1054, 0.3046, 0.3268
Android (android.graphics.Color)	4292535526 (0xFFDAE4E6)
YUV	225.2380, 2.3477, -6.3477
Hunter-Lab	87.2384, -7.5161, 2.7451

Details

The RGB color **218, 228, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **230, 220, 218**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 173, 175** is the 20% darker color. If you saturate the color by 10%, you get **195, 224, 230**, and if you desaturate by 10%, it is **241, 232, 230**.

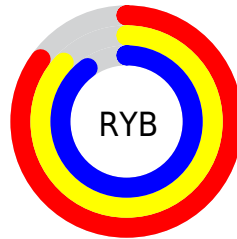
Distribution



Red (85%)

Green (89%)

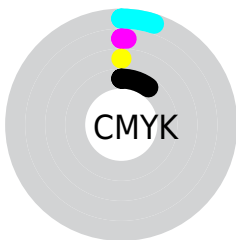
Blue (90%)



Red (85%)

Yellow (87%)

Blue (90%)

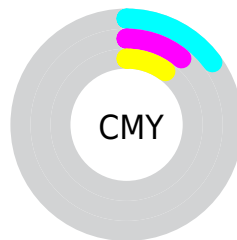


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 228, 230 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, 228, 230 by changing the saturation by 10% instead.

■ 218, 228, 230

255, 255, 255

■ 218, 228, 230

■ 190, 200, 202

■ 163, 173, 175

■ 137, 146, 148

■ 111, 120, 122

■ 87, 96, 97

■ 64, 72, 74

■ 42, 50, 51

■ 21, 29, 30

■ 0, 0, 5

■ 218, 228, 230

■ 218, 228, 230

■ 195, 224, 230

■ 241, 232, 230

■ 172, 220, 230

■ 255, 236, 230

■ 149, 217, 230

■ 255, 239, 230

■ 126, 213, 230

■ 255, 243, 230

■ 103, 209, 230

■ 255, 247, 230

■ 80, 205, 230

■ 255, 251, 230

■ 57, 201, 230

■ 255, 255, 230

■ 34, 197, 230

■ 255, 255, 230

■ 11, 194, 230

Harmonies

Analogous

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



218, 228, 227



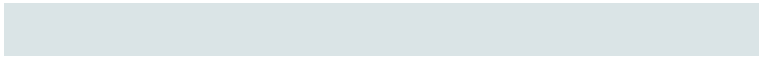
218, 228, 230



220, 227, 232

Triad

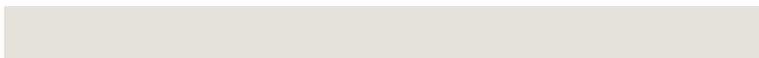
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 228, 230



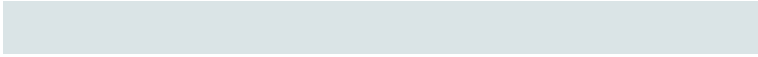
231, 224, 229



228, 226, 219

Complementary

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



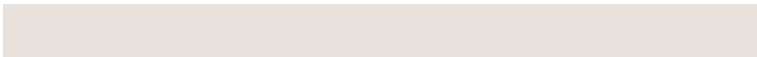
218, 228, 230



230, 220, 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.



232, 225, 220



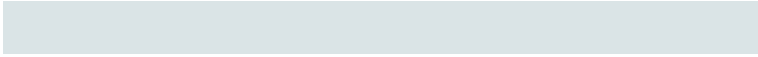
218, 228, 230



234, 224, 225

Square

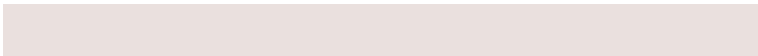
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218, 228, 230



228, 225, 232



234, 224, 222



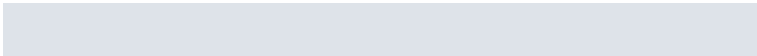
224, 227, 220

Rectangle

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



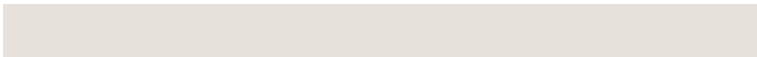
218, 228, 230



222, 227, 233



234, 224, 222



230, 226, 219

Sweetspot

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



218, 228, 230



250, 254, 255



218, 230, 220



125, 127, 128



0, 0, 0



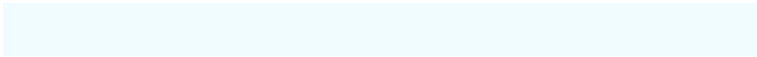
128, 128, 128

Same Dimension

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



218, 228, 230



240, 252, 255



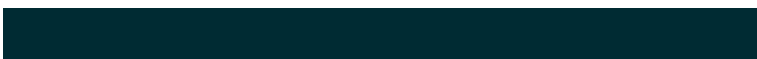
218, 222, 230



107, 113, 115



0, 149, 179



0, 43, 51

Inverse Universe

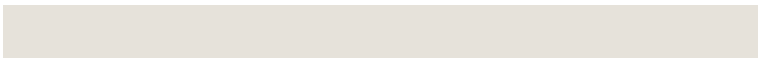
The Inverse Universe completely reimagines the original color for something new.



230, 218, 228



255, 240, 252



230, 226, 218



115, 107, 113



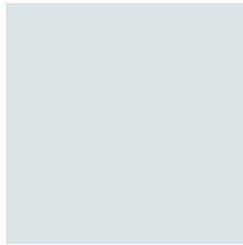
179, 0, 149



51, 0, 43

Previews

White Background



This preview shows how the RGB color 218, 228, 230 looks on a white background.

Color Contrast Check

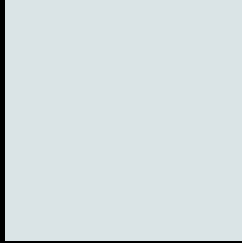
Large Text (above 18pt) WCAG AA × Fail

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, 228, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

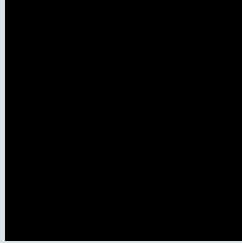
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

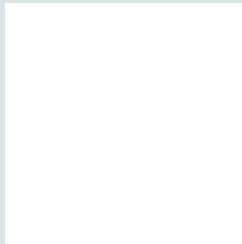
Any Text WCAG AAA ✓ Pass

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

RGB 218, 228, 230 Background



This preview shows how black text looks on a background with the RGB color 218, 228, 230.

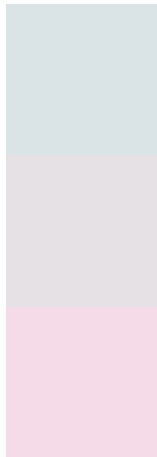


This preview shows how white text looks on a background with the RGB color 218, 228, 230.

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, 228, 230

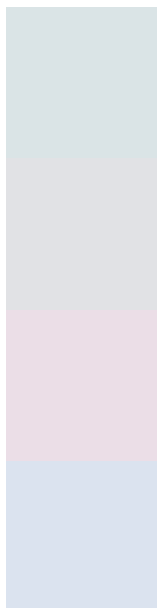
Protanopia
229, 225, 228

Deuteranopia
245, 219, 232



Tritanopia
220, 226, 244

Trichromacy



Original Color

218, 228, 230

Protanomaly

225, 226, 229

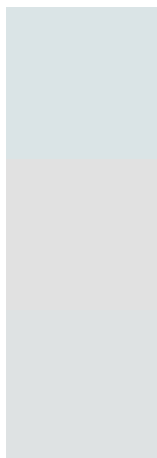
Deuteranomaly

235, 222, 231

Tritanomaly

219, 227, 239

Monochromacy



Original Color

218, 228, 230

Achromatopsia

225, 225, 225

Achromatomaly

222, 226, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 228, 230 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, 228, 230)` looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 230)  
}
```

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, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 230) }
```

Border

The CSS property to change the border of an element to RGB 218, 228, 230 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, 228, 230) }
```

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

```
.border{ border-color:rgb(218, 228, 230) }
```

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

Here you see how a box with a 4 pixel rgb(218, 228, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 230);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 218, 228, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 230) }
```

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

```
.background{ background-color: rgb(218,  
228, 230) }
```

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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