

Converting Colors

RGB(216, 222, 223)

Have a look what the booklet for
RGB(216, 222, 223) contains.

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Color

RGB(216, 222, 223)

Conversions

Conversions Part 1

Format	Color
Hex	D8DEDF
RGB	216, 222, 223
RGB Percent	85%, 87%, 87%
CMY	0.1529, 0.1294, 0.1255
CMYK	0.03, 0.00, 0.00, 0.13
HSL	189°, 10%, 86%
HSV	189°, 3%, 87%
XYZ	67.7595, 72.1692, 80.1708
YIQ	220.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

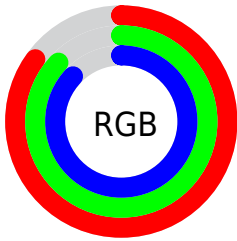
Format	Color
RYB	216, 219, 223
Decimal	14212831
CIELab	88.05, -1.83, -1.20
CIELCh	88, 2.188, 213.343
Yxy	72.1692, 0.3079, 0.3279
Android (android.graphics.Color)	4292402911 (0xFFD8DEDF)
YUV	220.3200, 1.3212, -3.7886
Hunter-Lab	84.9525, -6.2923, 3.5139

Details

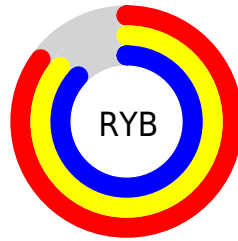
The RGB color **216, 222, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 217, 216**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 167, 168** is the 20% darker color. If you saturate the color by 10%, you get **194, 219, 223**, and if you desaturate by 10%, it is **238, 225, 223**.

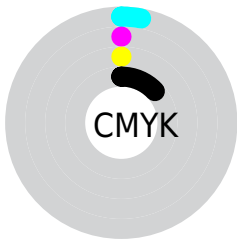
Distribution



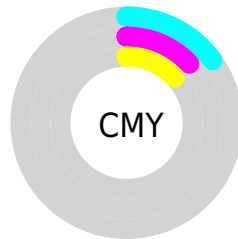
- Red (85%)
- Green (87%)
- Blue (87%)



- Red (85%)
- Yellow (86%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 222, 223 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 216, 222, 223 by changing the saturation by 10% instead.

■ 216, 222, 223

255, 255, 255

■ 216, 222, 223

■ 188, 194, 195

■ 161, 167, 168

■ 135, 141, 141

■ 110, 115, 116

■ 85, 91, 91

■ 62, 67, 68

■ 40, 45, 46

■ 20, 24, 25

■ 0, 0, 0

■ 216, 222, 223

■ 216, 222, 223

■ 194, 219, 223

■ 238, 225, 223

■ 171, 216, 223

■ 255, 228, 223

■ 149, 212, 223

■ 255, 232, 223

■ 127, 209, 223

■ 255, 235, 223

■ 104, 206, 223

■ 255, 238, 223

■ 82, 203, 223

■ 255, 241, 223

■ 60, 200, 223

■ 255, 244, 223

■ 38, 197, 223

■ 255, 247, 223

■ 15, 193, 223

■ 255, 251, 223

Harmonies

Analogous

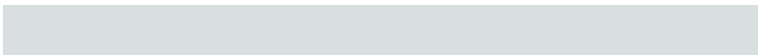
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 222, 221



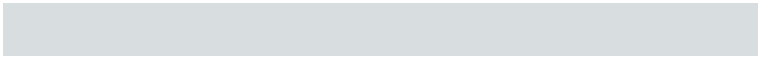
216, 222, 223



217, 222, 224

Triad

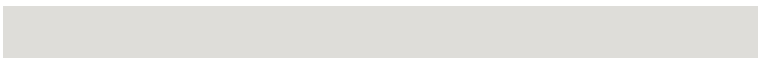
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216, 222, 223



224, 220, 223



222, 221, 217

Complementary

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



216, 222, 223



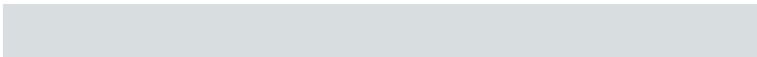
223, 217, 216

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.



224, 220, 217



216, 222, 223



225, 219, 221

Square

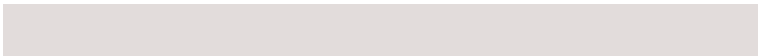
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216, 222, 223



222, 220, 224



226, 220, 219



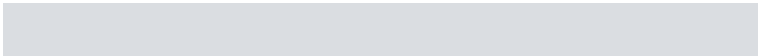
220, 221, 217

Rectangle

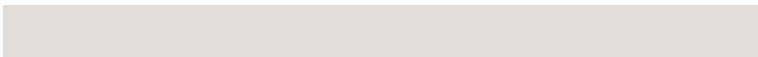
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216, 222, 223



218, 221, 225



226, 220, 219



223, 221, 217

Sweetspot

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



216, 222, 223



252, 255, 255



216, 223, 217



126, 127, 128



0, 0, 0



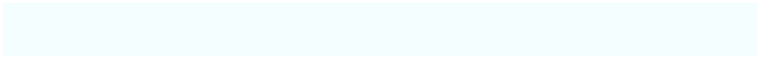
128, 128, 128

Same Dimension

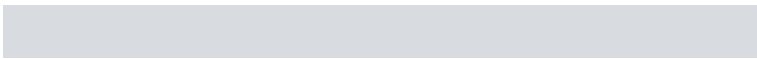
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 222, 223



245, 254, 255



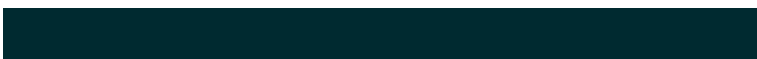
216, 219, 223



107, 111, 112



0, 151, 176



0, 42, 48

Inverse Universe

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



223, 216, 222



255, 245, 254



223, 220, 216



112, 107, 111



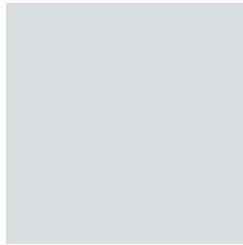
176, 0, 151



48, 0, 42

Previews

White Background



This preview shows how the RGB color 216, 222, 223 looks on a white background.

Color Contrast Check

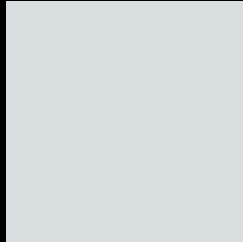
Large Text (above 18pt) WCAG AA × Fail

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 216, 222, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

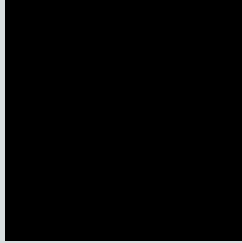
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

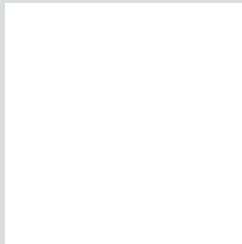
Any Text WCAG AAA ✓ Pass

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

RGB 216, 222, 223 Background



This preview shows how black text looks on a background with the RGB color 216, 222, 223.

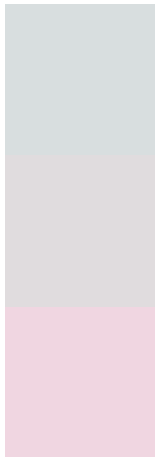


This preview shows how white text looks on a background with the RGB color 216, 222, 223.

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
216, 222, 223

Protanopia
224, 220, 222

Deuteranopia
240, 214, 225



Tritanopia
218, 220, 237

Trichromacy



Original Color

216, 222, 223

Protanomaly

221, 221, 222

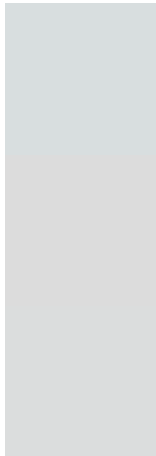
Deuteranomaly

231, 217, 224

Tritanomaly

217, 221, 232

Monochromacy



Original Color

216, 222, 223

Achromatopsia

220, 220, 220

Achromatomaly

219, 221, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 222, 223 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(216, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 223)  
}
```

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(216, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 223) }
```

Border

The CSS property to change the border of an element to RGB 216, 222, 223 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(216, 222, 223) }
```

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

```
.border{ border-color:rgb(216, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(216, 222,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 216, 222, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 223) }
```

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

```
.background{ background-color: rgb(216,  
222, 223) }
```

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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