

Converting Colors

RGB(202, 214, 219)

Have a look what the booklet for
RGB(202, 214, 219) contains.

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Color

RGB(202, 214, 219)

Conversions

Conversions Part 1

Format	Color
Hex	CAD6DB
RGB	202, 214, 219
RGB Percent	79%, 84%, 86%
CMY	0.2078, 0.1608, 0.1412
CMYK	0.08, 0.02, 0.00, 0.14
HSL	198°, 19%, 83%
HSV	198°, 8%, 86%
XYZ	61.1899, 65.7642, 76.4865
YIQ	210.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

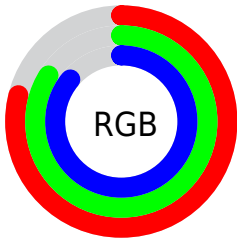
Format	Color
R_{YB}	202, 209, 219
Decimal	13293275
CIE _{Lab}	84.88, -3.08, -3.86
CIE _{LCh}	85, 4.939, 231.490
Yxy	65.7642, 0.3008, 0.3233
Android (android.graphics.Color)	4291483355 (0xFFCAD6DB)
YUV	210.9820, 3.9529, -7.8772
Hunter-Lab	81.0951, -7.2302, 0.8460

Details

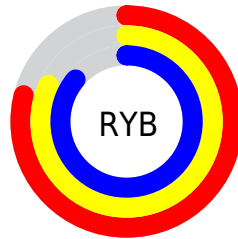
The RGB color **202, 214, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 207, 202**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **148, 159, 164** is the 20% darker color. If you saturate the color by 10%, you get **180, 208, 219**, and if you desaturate by 10%, it is **224, 220, 219**.

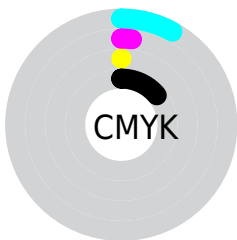
Distribution



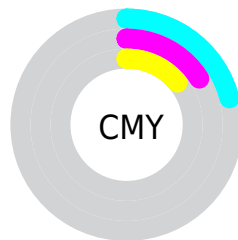
- Red (79%)
- Green (84%)
- Blue (86%)



- Red (79%)
- Yellow (82%)
- Blue (86%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 214, 219 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 202, 214, 219 by changing the saturation by 10% instead.

■ 202, 214, 219

255, 255, 255

■ 202, 214, 219

■ 175, 186, 191

■ 148, 159, 164

■ 122, 133, 138

■ 97, 108, 112

■ 73, 84, 88

■ 51, 61, 65

■ 29, 39, 43

■ 5, 18, 22

■ 0, 0, 0

■ 202, 214, 219

■ 202, 214, 219

■ 180, 208, 219

■ 224, 220, 219

■ 158, 201, 219

■ 246, 227, 219

■ 136, 195, 219

■ 255, 233, 219

■ 114, 188, 219

■ 255, 240, 219

■ 92, 182, 219

■ 255, 246, 219

■ 71, 175, 219

■ 255, 253, 219

■ 49, 169, 219

■ 255, 255, 219

■ 27, 162, 219

■ 5, 156, 219

Harmonies

Analogous

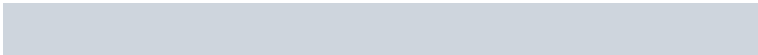
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201, 215, 215



202, 214, 219



206, 213, 221

Triad

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



202, 214, 219



221, 209, 213



212, 213, 203

Complementary

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



202, 214, 219



219, 207, 202

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.



217, 211, 203



202, 214, 219



222, 209, 209

Square

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



202, 214, 219



217, 210, 218



221, 210, 205



207, 214, 206

Rectangle

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



202, 214, 219



209, 212, 221



221, 210, 205



214, 212, 203

Sweetspot

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



202, 214, 219



250, 254, 255



202, 219, 207



125, 127, 128



0, 0, 0



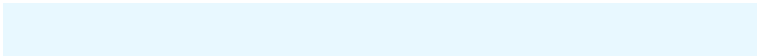
128, 128, 128

Same Dimension

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



202, 214, 219



232, 248, 255



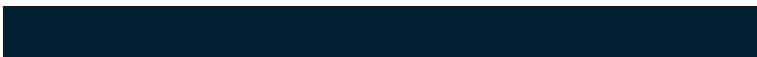
202, 206, 219



99, 106, 110



0, 122, 173



0, 32, 46

Inverse Universe

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



219, 202, 214



255, 232, 248



219, 215, 202



110, 99, 106



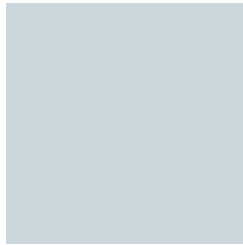
173, 0, 122



46, 0, 32

Previews

White Background



This preview shows how the RGB color 202, 214, 219 looks on a white background.

Color Contrast Check

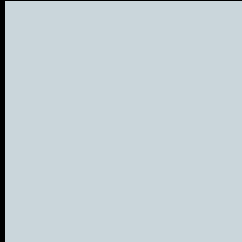
Large Text (above 18pt) WCAG AA × Fail

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 202, 214, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

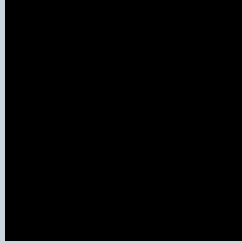
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

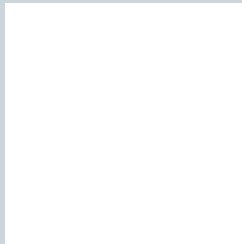
Any Text WCAG AAA ✓ Pass

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

RGB 202, 214, 219 Background



This preview shows how black text looks on a background with the RGB color 202, 214, 219.

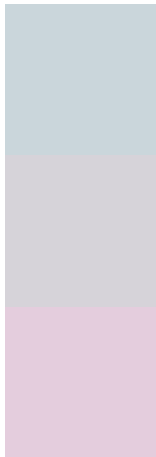


This preview shows how white text looks on a background with the RGB color 202, 214, 219.

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
202, 214, 219

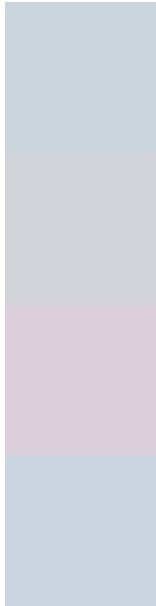
Protanopia
214, 211, 217

Deuteranopia
228, 205, 221



Tritanopia
204, 212, 229

Trichromacy



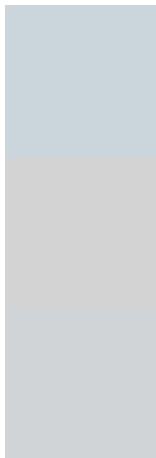
Original Color
202, 214, 219

Protanomaly
210, 212, 218

Deuteranomaly
219, 208, 220

Tritanomaly
203, 213, 225

Monochromacy



Original Color
202, 214, 219

Achromatopsia
211, 211, 211

Achromatomaly
208, 212, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 214, 219 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(202, 214, 219) looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 219)  
}
```

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(202, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 219) }
```

Border

The CSS property to change the border of an element to RGB 202, 214, 219 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(202, 214, 219) }
```

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

```
.border{ border-color:rgb(202, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 202, 214, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 219) }
```

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

```
.background{ background-color: rgb(202,  
214, 219) }
```

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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