

# Converting Colors

RGB(212, 223, 232)

Have a look what the booklet for  
RGB(212, 223, 232) contains.

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# Color

**RGB(212, 223, 232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4DFE8
RGB	212, 223, 232
RGB Percent	83%, 87%, 91%
CMY	0.1686, 0.1255, 0.0902
CMYK	0.09, 0.04, 0.00, 0.09
HSL	207°, 30%, 87%
HSV	207°, 9%, 91%
XYZ	68.1045, 72.5986, 86.7674
YIQ	220.7370, -9.4450, 0.4670

# Conversions

## Conversions Part 2

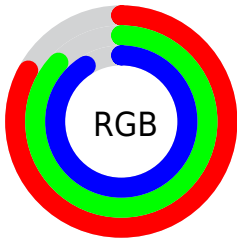
Format	Color
R <sub>Y</sub> B	212, 219, 232
Decimal	13950952
CIE Lab	88.26, -1.96, -5.67
CIE LCh	88, 5.999, 250.947
Yxy	72.5986, 0.2994, 0.3192
Android (android.graphics.Color)	4292141032 (0xFFD4DFE8)
YUV	220.7370, 5.5527, -7.6623
Hunter-Lab	85.2048, -6.4327, -0.7339

# Details

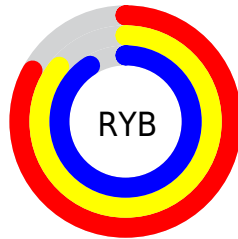
The RGB color **212, 223, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232, 221, 212**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 168, 176** is the 20% darker color. If you saturate the color by 10%, you get **189, 213, 232**, and if you desaturate by 10%, it is **235, 233, 232**.

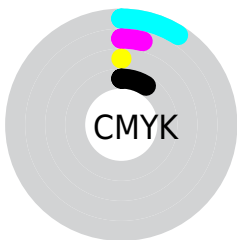
# Distribution



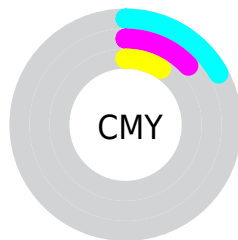
- Red (83%)
- Green (87%)
- Blue (91%)



- Red (83%)
- Yellow (86%)
- Blue (91%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 212, 223, 232 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 212, 223, 232 by changing the saturation by 10% instead.



■ 212, 223, 232

255, 255, 255

■ 212, 223, 232

■ 184, 195, 204

■ 157, 168, 176

■ 131, 141, 150

■ 106, 116, 124

■ 82, 91, 99

■ 59, 68, 75

■ 37, 46, 53

■ 16, 25, 31

■ 0, 0, 6

 212, 223, 232


 212, 223, 232

 189, 213, 232

 235, 233, 232

 166, 202, 232


 255, 244, 232


 142, 192, 232


 255, 254, 232


 119, 181, 232

 255, 255, 232

 96, 171, 232

 73, 160, 232

 50, 150, 232

 26, 139, 232

 3, 129, 232

# Harmonies

## Analogous

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



208, 224, 229



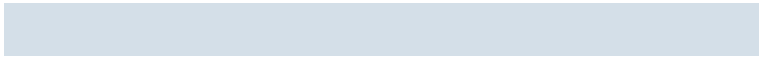
212, 223, 232



218, 221, 233

# Triad

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



212, 223, 232



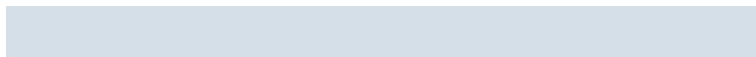
234, 218, 219



217, 223, 213

# Complementary

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



212, 223, 232



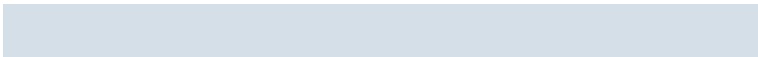
232, 221, 212

# 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.



224, 222, 210



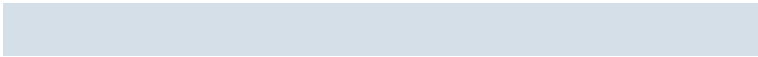
212, 223, 232



234, 218, 214

# Square

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



212, 223, 232



231, 218, 225



230, 220, 211



212, 225, 217

# Rectangle

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



212, 223, 232



223, 220, 231



230, 220, 211



220, 223, 212

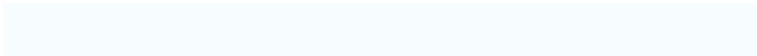


# Sweetspot

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



212, 223, 232



247, 252, 255



212, 232, 221



122, 125, 128



0, 0, 0



128, 128, 128

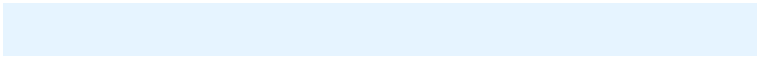


# Same Dimension

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



212, 223, 232



230, 244, 255



212, 213, 232



103, 110, 115



0, 98, 179



0, 28, 51



# Inverse Universe

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



232, 212, 223



255, 230, 244



232, 231, 212



115, 103, 110



179, 0, 98

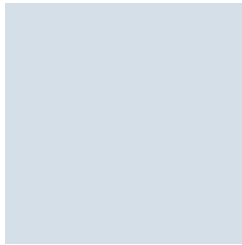


51, 0, 28



# Previews

## White Background



This preview shows how the RGB color 212, 223, 232 looks on a white background.

## Color Contrast Check

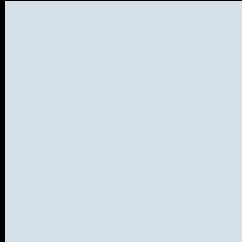
Large Text (above 18pt) WCAG AA × Fail

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 212, 223, 232 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

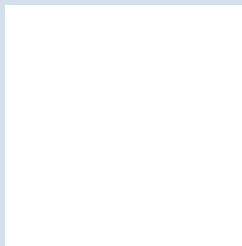
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 212, 223, 232 Background



This preview shows how black text looks on a background with the RGB color 212, 223, 232.



This preview shows how white text looks on a background with the RGB color 212, 223, 232.

# 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](#).

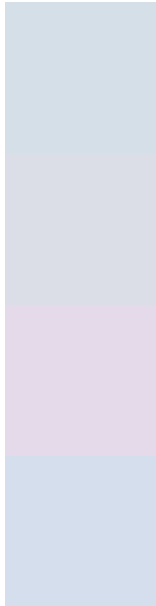
## Dichromacy





**Tritanopia**  
213, 222, 239

# Trichromacy



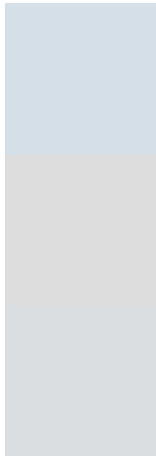
**Original Color**  
212, 223, 232

**Protanomaly**  
219, 221, 231

**Deuteranomaly**  
228, 218, 233

**Tritanomaly**  
213, 222, 236

# Monochromacy



**Original Color**  
212, 223, 232

**Achromatopsia**  
221, 221, 221

**Achromatomaly**  
218, 222, 225

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 212, 223, 232 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(212, 223, 232)` looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 232)  
}
```

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(212, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 232) }
```

## Border

The CSS property to change the border of an element to RGB 212, 223, 232 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(212, 223, 232) }
```

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

```
.border{ border-color:rgb(212, 223, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 223, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(212, 223,  
232) }
```

# Background

The CSS property to change the background color of an element to RGB 212, 223, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 232) }
```

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

```
.background{ background-color: rgb(212,  
223, 232) }
```

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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