

Converting Colors

RGB(212, 219, 235)

Have a look what the booklet for
RGB(212, 219, 235) contains.

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Color

RGB(212, 219, 235)

Conversions

Conversions Part 1

Format	Color
Hex	D4DBEB
RGB	212, 219, 235
RGB Percent	83%, 86%, 92%
CMY	0.1686, 0.1412, 0.0784
CMYK	0.10, 0.07, 0.00, 0.08
HSL	222°, 37%, 88%
HSV	222°, 10%, 92%
XYZ	67.4783, 70.6582, 88.6792
YIQ	218.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

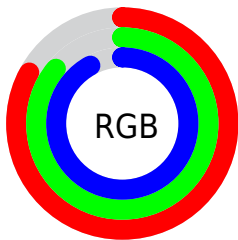
Format	Color
R _Y B	212, 217, 235
Decimal	13949931
CIE Lab	87.32, 0.71, -8.64
CIE LCh	87, 8.667, 274.670
Yxy	70.6582, 0.2975, 0.3115
Android (android.graphics.Color)	4292140011 (0xFFD4DBEB)
YUV	218.7310, 8.0206, -5.9031
Hunter-Lab	84.0585, -3.8107, -3.7083

Details

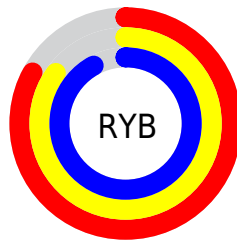
The RGB color **212, 219, 235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **235, 228, 212**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 164, 179** is the 20% darker color. If you saturate the color by 10%, you get **189, 203, 235**, and if you desaturate by 10%, it is **236, 235, 235**.

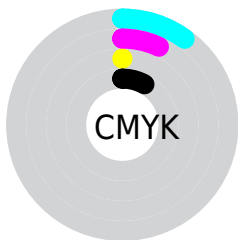
Distribution



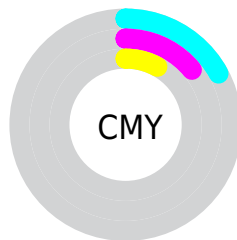
- Red (83%)
- Green (86%)
- Blue (92%)



- Red (83%)
- Yellow (85%)
- Blue (92%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 219, 235 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, 219, 235 by changing the saturation by 10% instead.

■ 212, 219, 235

255, 255, 255

■ 212, 219, 235

■ 184, 191, 207

■ 157, 164, 179

■ 131, 138, 153

■ 106, 112, 127

■ 82, 88, 102

■ 58, 65, 78

■ 36, 43, 55

■ 16, 22, 33

■ 0, 0, 10

 212, 219, 235


 212, 219, 235

 189, 203, 235

 236, 235, 235


 165, 186, 235


 255, 252, 235


 142, 170, 235

 255, 255, 235

 118, 154, 235

 95, 137, 235

 71, 121, 235

 48, 105, 235

 24, 88, 235

 1, 72, 235

Harmonies

Analogous

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



203, 222, 233



212, 219, 235



222, 216, 232

Triad

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



212, 219, 235



237, 214, 210



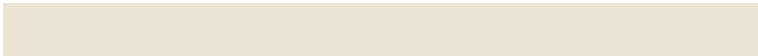
206, 223, 211

Complementary

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



212, 219, 235



235, 228, 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.



215, 221, 205



212, 219, 235



232, 216, 204

Square

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



212, 219, 235



236, 213, 218



225, 219, 202



200, 224, 220

Rectangle

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



212, 219, 235



228, 215, 228



225, 219, 202



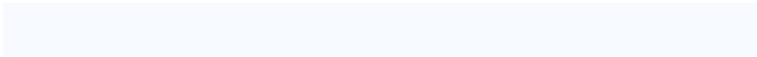
209, 223, 209

Sweetspot

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



212, 219, 235



247, 250, 255



212, 235, 228



122, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



212, 219, 235



224, 234, 255



216, 212, 235



106, 109, 117



0, 55, 181



0, 16, 54

Inverse Universe

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



235, 212, 219



255, 224, 234



231, 235, 212



117, 106, 109



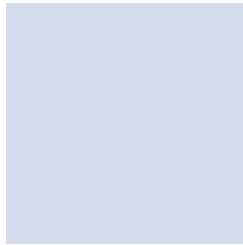
181, 0, 55



54, 0, 16

Previews

White Background



This preview shows how the RGB color 212, 219, 235 looks on a white background.

Color Contrast Check

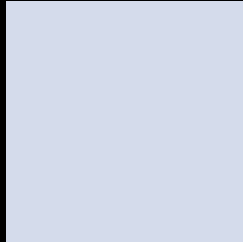
Large Text (above 18pt) WCAG AA × Fail

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, 219, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

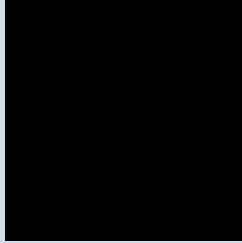
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

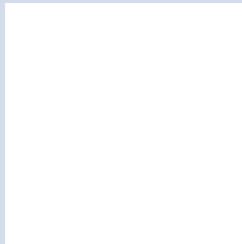
Any Text WCAG AAA ✓ Pass

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

RGB 212, 219, 235 Background



This preview shows how black text looks on a background with the RGB color 212, 219, 235.

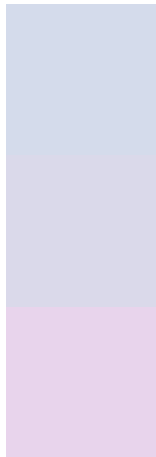


This preview shows how white text looks on a background with the RGB color 212, 219, 235.

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
212, 219, 235

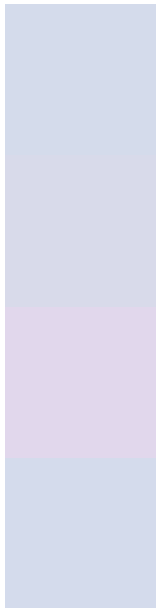
Protanopia
218, 217, 234

Deuteranopia
232, 212, 236



Tritanopia
212, 219, 236

Trichromacy



Original Color
212, 219, 235

Protanomaly
216, 218, 234

Deuteranomaly
225, 215, 236

Tritanomaly
212, 219, 236

Monochromacy



Original Color
212, 219, 235

Achromatopsia
219, 219, 219

Achromatomaly
216, 219, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 219, 235 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, 219, 235) looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 235)  
}
```

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, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 235) }
```

Border

The CSS property to change the border of an element to RGB 212, 219, 235 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, 219, 235) }
```

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

```
.border{ border-color:rgb(212, 219, 235) }
```

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

Here you see how a box with a 4 pixel rgb(212, 219, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 212, 219, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 235) }
```

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

```
.background{ background-color: rgb(212,  
219, 235) }
```

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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