

Converting Colors

RGB(219, 221, 238)

Have a look what the booklet for
RGB(219, 221, 238) contains.

RGB(219, 221, 238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(219, 221, 238)

Conversions

Conversions Part 1

Format	Color
Hex	DBDDEE
RGB	219, 221, 238
RGB Percent	86%, 87%, 93%
CMY	0.1412, 0.1333, 0.0667
CMYK	0.08, 0.07, 0.00, 0.07
HSL	234°, 36%, 90%
HSV	234°, 8%, 93%
XYZ	70.5025, 72.9460, 91.2530
YIQ	222.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

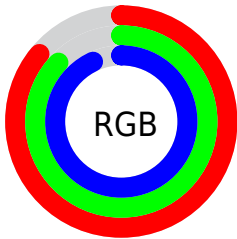
Format	Color
R _Y B	219, 221, 238
Decimal	14409198
CIE Lab	88.42, 2.52, -8.53
CIE LCh	88, 8.890, 286.444
Yxy	72.9460, 0.3004, 0.3108
Android (android.graphics.Color)	4292599278 (0xFFDBDDEE)
YUV	222.3400, 7.7204, -2.9292
Hunter-Lab	85.4084, -2.1176, -3.5614

Details

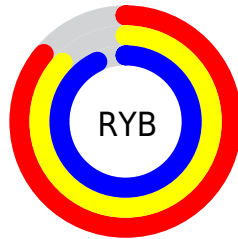
The RGB color **219, 221, 238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **238, 236, 219**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 166, 182** is the 20% darker color. If you saturate the color by 10%, you get **195, 200, 238**, and if you desaturate by 10%, it is **243, 242, 238**.

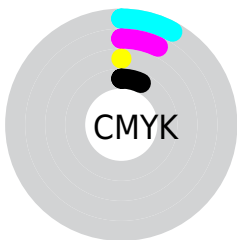
Distribution



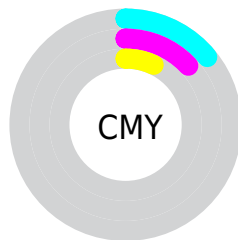
- Red (86%)
- Green (87%)
- Blue (93%)



- Red (86%)
- Yellow (87%)
- Blue (93%)



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



- Cyan (14%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 221, 238 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 219, 221, 238 by changing the saturation by 10% instead.

■ 219, 221, 238

255, 255, 255

■ 219, 221, 238

■ 191, 193, 210

■ 164, 166, 182

■ 138, 140, 155

■ 112, 114, 129

■ 88, 90, 104

■ 64, 66, 80

■ 42, 44, 57

■ 21, 24, 36

■ 0, 1, 14

■ 219, 221, 238

■ 219, 221, 238

■ 195, 200, 238

■ 243, 242, 238

■ 171, 178, 238

■ 255, 255, 238

■ 148, 157, 238

■ 124, 136, 238

■ 100, 115, 238

■ 76, 93, 238

■ 52, 72, 238

■ 29, 51, 238

■ 5, 29, 238

Harmonies

Analogous

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



209, 224, 238



219, 221, 238



229, 218, 234

Triad

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



219, 221, 238



239, 218, 210



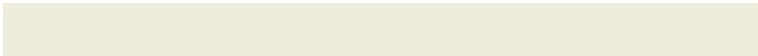
206, 227, 218

Complementary

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



219, 221, 238



238, 236, 219

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.



214, 225, 210



219, 221, 238



233, 220, 206

Square

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



219, 221, 238



241, 216, 217



224, 223, 206



201, 227, 226

Rectangle

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



219, 221, 238



235, 217, 229



224, 223, 206



208, 226, 215

Sweetspot

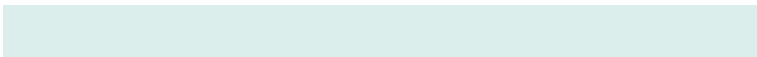
The Sweet Spot groups the original color and five complimentary colors.



219, 221, 238



250, 250, 255



219, 238, 236



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 221, 238



230, 232, 255



226, 219, 238



108, 109, 120



0, 19, 184



0, 6, 56

Inverse Universe

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



238, 219, 221



255, 230, 232



231, 238, 219



120, 108, 109



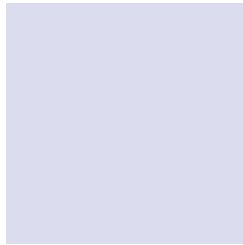
184, 0, 19



56, 0, 6

Previews

White Background



This preview shows how the RGB color 219, 221, 238 looks on a white background.

Color Contrast Check

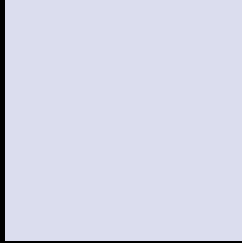
Large Text (above 18pt) WCAG AA × Fail

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 219, 221, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

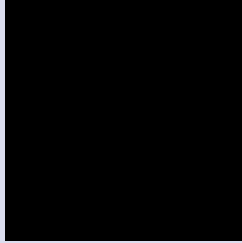
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

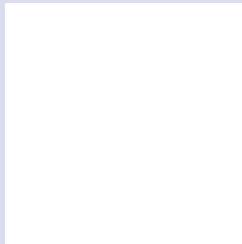
Any Text WCAG AAA ✓ Pass

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

RGB 219, 221, 238 Background



This preview shows how black text looks on a background with the RGB color 219, 221, 238.

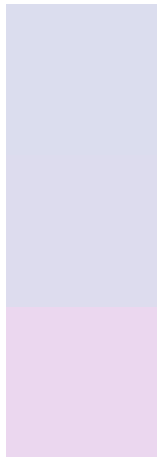


This preview shows how white text looks on a background with the RGB color 219, 221, 238.

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
219, 221, 238

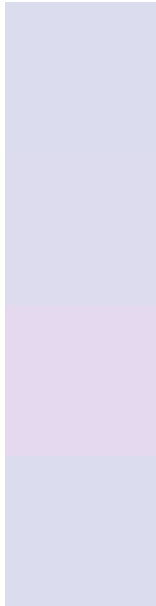
Protanopia
221, 220, 238

Deuteranopia
235, 215, 239



Tritanopia
219, 221, 238

Trichromacy



Original Color

219, 221, 238

Protanomaly

220, 220, 238

Deuteranomaly

229, 217, 239

Tritanomaly

219, 221, 238

Monochromacy



Original Color

219, 221, 238

Achromatopsia

222, 222, 222

Achromatomaly

221, 222, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 221, 238 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(219, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(219, 221, 238)  
}
```

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(219, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 221, 238) }
```

Border

The CSS property to change the border of an element to RGB 219, 221, 238 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(219, 221, 238) }
```

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

```
.border{ border-color:rgb(219, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(219, 221,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 219, 221, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 221, 238) }
```

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

```
.background{ background-color: rgb(219,  
221, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor