

Converting Colors

RGB(218, 231, 228)

Have a look what the booklet for
RGB(218, 231, 228) contains.

RGB(218, 231, 228)	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(218, 231, 228)

Conversions

Conversions Part 1

Format	Color
Hex	DAE7E4
RGB	218, 231, 228
RGB Percent	85%, 91%, 89%
CMY	0.1451, 0.0941, 0.1059
CMYK	0.06, 0.00, 0.01, 0.09
HSL	166°, 21%, 88%
HSV	166°, 6%, 91%
XYZ	71.4929, 77.6587, 84.6203
YIQ	226.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

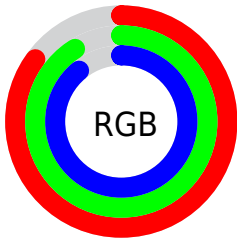
Format	Color
R _Y B	218, 225, 231
Decimal	14346212
CIE Lab	90.62, -4.86, -0.05
CIE LCh	91, 4.865, 180.539
Yxy	77.6587, 0.3058, 0.3322
Android (android.graphics.Color)	4292536292 (0xFFDAE7E4)
YUV	226.7710, 0.6059, -7.6922
Hunter-Lab	88.1242, -9.4047, 4.7543

Details

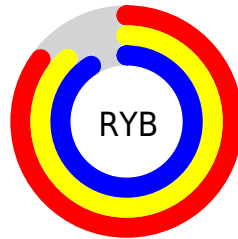
The RGB color **218, 231, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **231, 218, 221**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 175, 173** is the 20% darker color. If you saturate the color by 10%, you get **195, 231, 223**, and if you desaturate by 10%, it is **241, 231, 233**.

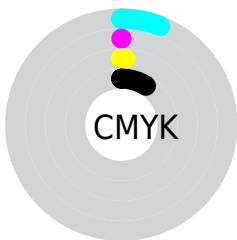
Distribution



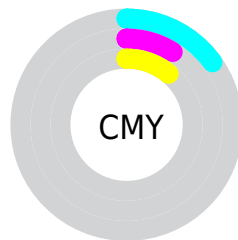
- Red (85%)
- Green (91%)
- Blue (89%)



- Red (85%)
- Yellow (88%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 231, 228 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 218, 231, 228 by changing the saturation by 10% instead.

■ 218, 231, 228

255, 255, 255

■ 218, 231, 228

■ 190, 203, 200

■ 163, 175, 173

■ 137, 149, 146

■ 111, 123, 120

■ 87, 98, 96

■ 64, 74, 72

■ 42, 52, 50


■ 21, 31, 29

■ 0, 4, 2

 218, 231, 228

 218, 231, 228

 195, 231, 223

 241, 231, 233

 172, 231, 217

 255, 231, 239

 149, 231, 212

 255, 231, 244

 126, 231, 207

 255, 231, 249

 103, 231, 201

 255, 231, 255

 79, 231, 196

 255, 231, 255

 56, 231, 191

 33, 231, 185

 10, 231, 180

Harmonies

Analogous

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



222, 230, 223



218, 231, 228



217, 231, 233

Triad

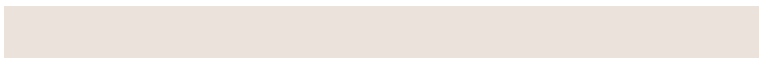
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 231, 228



229, 227, 236



236, 226, 220

Complementary

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



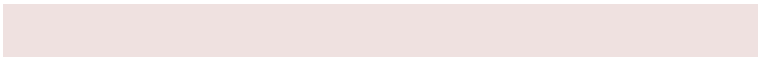
218, 231, 228



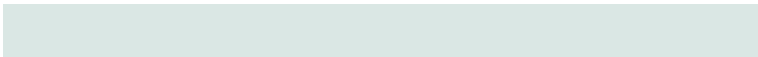
231, 218, 221

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.



239, 225, 224



218, 231, 228



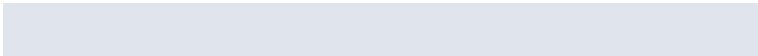
234, 226, 233

Square

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



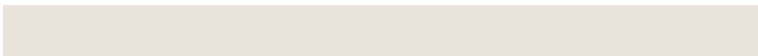
218, 231, 228



224, 228, 237



238, 225, 228



232, 228, 219

Rectangle

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



218, 231, 228



218, 230, 235



238, 225, 228



237, 226, 221

Sweetspot

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



218, 231, 228



250, 255, 254



221, 231, 218



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

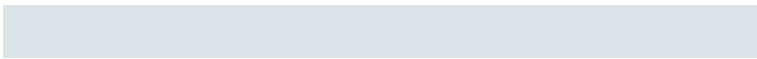
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 231, 228



237, 255, 251



218, 228, 231



106, 115, 113



0, 179, 137



0, 51, 39

Inverse Universe

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



231, 218, 221



255, 237, 241



231, 221, 218



115, 106, 108



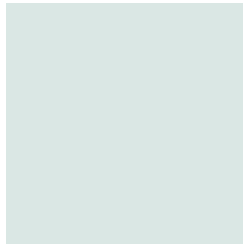
179, 0, 41



51, 0, 12

Previews

White Background



This preview shows how the RGB color 218, 231, 228 looks on a white background.

Color Contrast Check

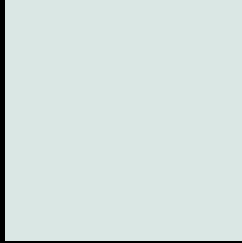
Large Text (above 18pt) WCAG AA × Fail

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 218, 231, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

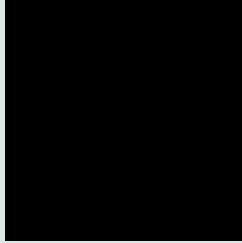
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

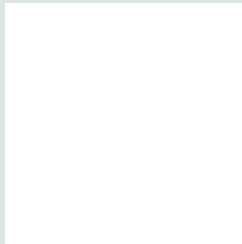
Any Text WCAG AAA ✓ Pass

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

RGB 218, 231, 228 Background



This preview shows how black text looks on a background with the RGB color 218, 231, 228.



This preview shows how white text looks on a background with the RGB color 218, 231, 228.

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](#).

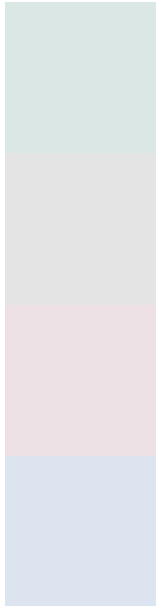
Dichromacy





Tritanopia
221, 228, 246

Trichromacy



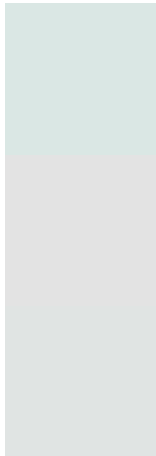
Original Color
218, 231, 228

Protanomaly
227, 228, 227

Deuteranomaly
238, 225, 229

Tritanomaly
220, 229, 239

Monochromacy



Original Color
218, 231, 228

Achromatopsia
227, 227, 227

Achromatomaly
224, 228, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 231, 228 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(218, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 228)  
}
```

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(218, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 228) }
```

Border

The CSS property to change the border of an element to RGB 218, 231, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

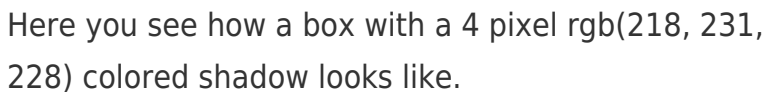
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 231, 228) }
```

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

```
.border{ border-color:rgb(218, 231, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 231, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 231, 228); box-shadow:4px 4px 4px 4px rgb(218, 231, 228) }
```

Background

The CSS property to change the background color of an element to RGB 218, 231, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 228) }
```

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

```
.background{ background-color: rgb(218,  
231, 228) }
```

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