

Converting Colors

RGB(218, 237, 226)

Have a look what the booklet for
RGB(218, 237, 226) contains.

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Color

RGB(218, 237, 226)

Conversions

Conversions Part 1

Format	Color
Hex	DAEDE2
RGB	218, 237, 226
RGB Percent	85%, 93%, 89%
CMY	0.1451, 0.0706, 0.1137
CMYK	0.08, 0.00, 0.05, 0.07
HSL	145°, 35%, 89%
HSV	145°, 8%, 93%
XYZ	72.9251, 80.9648, 83.7357
YIQ	230.0650, -7.7930, -7.4490

Conversions

Conversions Part 2

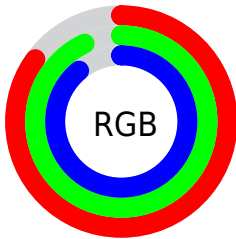
Format	Color
R_{YB}	218, 231, 237
Decimal	14347746
CIE _{Lab}	92.12, -8.28, 3.17
CIE _{LCh}	92, 8.866, 159.052
Y _{xy}	80.9648, 0.3069, 0.3407
Android (android.graphics.Color)	4292537826 (0xFFDAEDE2)
YUV	230.0650, -2.0040, -10.5810
Hunter-Lab	89.9804, -12.7995, 7.8111

Details

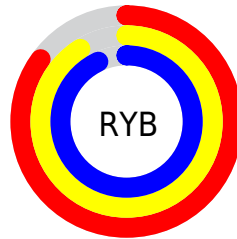
The RGB color **218, 237, 226** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 218, 229**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 181, 171** is the 20% darker color. If you saturate the color by 10%, you get **194, 237, 212**, and if you desaturate by 10%, it is **242, 237, 240**.

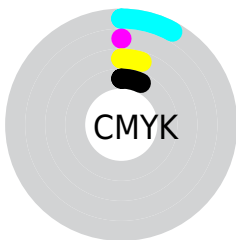
Distribution



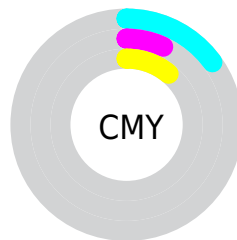
- Red (85%)
- Green (93%)
- Blue (89%)



- Red (85%)
- Yellow (91%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 237, 226 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, 237, 226 by changing the saturation by 10% instead.

■ 218, 237, 226

255, 255, 255

■ 218, 237, 226

■ 190, 209, 198

■ 163, 181, 171

■ 137, 154, 144

■ 111, 128, 119

■ 87, 103, 94

■ 63, 79, 70

■ 41, 56, 48

■ 21, 35, 27

■ 0, 14, 0

 218, 237, 226

 218, 237, 226

 194, 237, 212

 242, 237, 240

 171, 237, 199

 255, 237, 253

 147, 237, 185

 255, 237, 255

 123, 237, 171

 99, 237, 157

 76, 237, 144

 52, 237, 130

 28, 237, 116

 5, 237, 103

Harmonies

Analogous

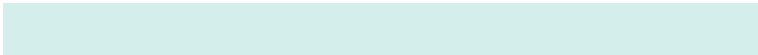
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 235, 219



218, 237, 226



212, 238, 235

Triad

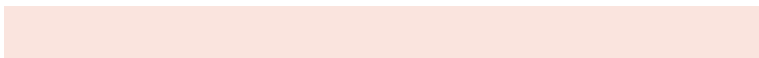
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 237, 226



227, 232, 249



250, 228, 222

Complementary

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



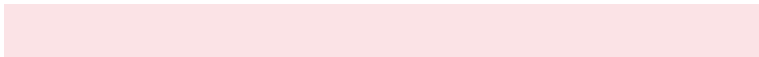
218, 237, 226



237, 218, 229

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.



251, 227, 230



218, 237, 226



237, 229, 246

Square

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



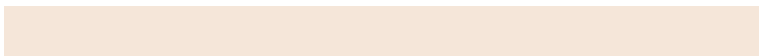
218, 237, 226



218, 235, 248



246, 227, 239



245, 230, 217

Rectangle

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



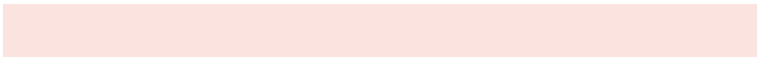
218, 237, 226



212, 237, 240



246, 227, 239



251, 227, 224

Sweetspot

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



218, 237, 226



250, 255, 252



229, 237, 218



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



218, 237, 226



230, 255, 240



218, 237, 235



106, 117, 111



0, 181, 76



0, 54, 23

Inverse Universe

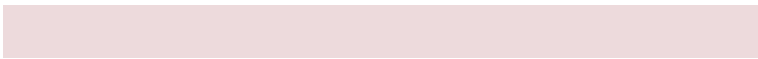
The Inverse Universe completely reimagines the original color for something new.



237, 218, 229



255, 230, 244



237, 218, 220



117, 106, 112



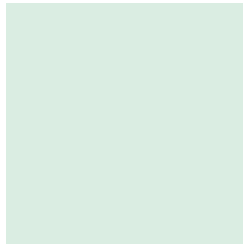
181, 0, 105



54, 0, 31

Previews

White Background



This preview shows how the RGB color 218, 237, 226 looks on a white background.

Color Contrast Check

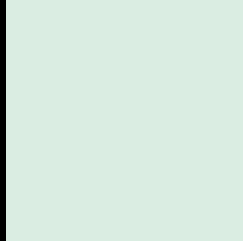
Large Text (above 18pt) WCAG AA × Fail

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, 237, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

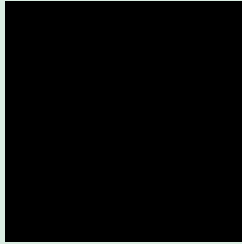
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

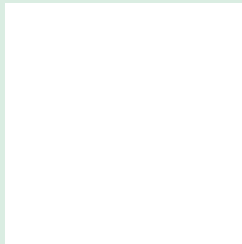
Any Text WCAG AAA ✓ Pass

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

RGB 218, 237, 226 Background



This preview shows how black text looks on a background with the RGB color 218, 237, 226.



This preview shows how white text looks on a background with the RGB color 218, 237, 226.

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

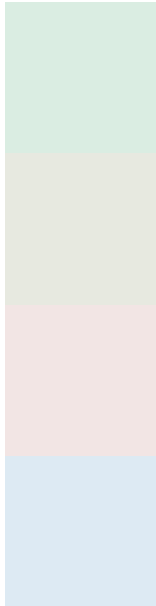




Tritanopia

222, 233, 252

Trichromacy



Original Color

218, 237, 226

Protanomaly

231, 233, 224

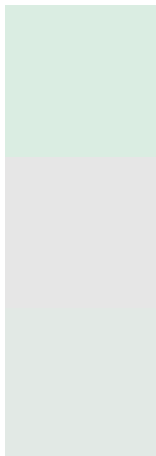
Deuteranomaly

242, 229, 228

Tritanomaly

221, 234, 243

Monochromacy



Original Color

218, 237, 226

Achromatopsia

230, 230, 230

Achromatomaly

226, 233, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 237, 226 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, 237, 226)` looks like.

```
.text, #text, p{  
    color:rgb(218, 237, 226)  
}
```

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, 237, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 237, 226) }
```

Border

The CSS property to change the border of an element to RGB 218, 237, 226 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, 237, 226) }
```

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

```
.border{ border-color:rgb(218, 237, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 237, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 237, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 237, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 237,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 218, 237, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 237, 226) }
```

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

```
.background{ background-color: rgb(218,  
237, 226) }
```

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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