

Converting Colors

RGB(218, 242, 239)

Have a look what the booklet for
RGB(218, 242, 239) contains.

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Color

RGB(218, 242, 239)

Conversions

Conversions Part 1

Format	Color
Hex	DAF2EF
RGB	218, 242, 239
RGB Percent	85%, 95%, 94%
CMY	0.1451, 0.0510, 0.0627
CMYK	0.10, 0.00, 0.01, 0.05
HSL	173°, 48%, 90%
HSV	173°, 10%, 95%
XYZ	76.2456, 84.6417, 93.9803
YIQ	234.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

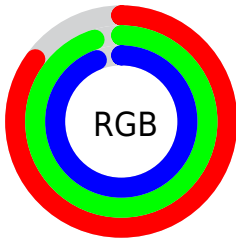
Format	Color
R _Y B	218, 231, 242
Decimal	14349039
CIE Lab	93.73, -8.39, -1.24
CIE LCh	94, 8.477, 188.392
Yxy	84.6417, 0.2992, 0.3321
Android (android.graphics.Color)	4292539119 (0xFFDAF2EF)
YUV	234.4820, 2.2274, -14.4547
Hunter-Lab	92.0009, -13.0701, 3.8350

Details

The RGB color **218, 242, 239** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 218, 221**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 186, 183** is the 20% darker color. If you saturate the color by 10%, you get **194, 242, 236**, and if you desaturate by 10%, it is **242, 242, 242**.

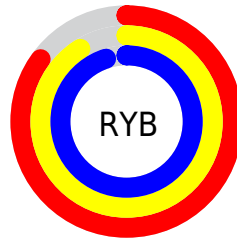
Distribution



Red (85%)

Green (95%)

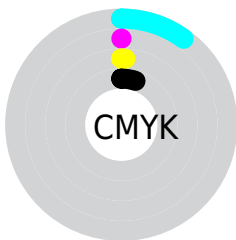
Blue (94%)



Red (85%)

Yellow (91%)

Blue (95%)

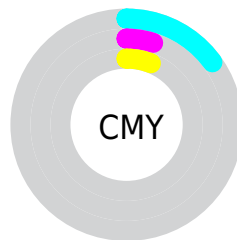


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 242, 239 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, 242, 239 by changing the saturation by 10% instead.

■ 218, 242, 239

255, 255, 255

■ 218, 242, 239

■ 190, 214, 211

■ 163, 186, 183

■ 137, 159, 156

■ 111, 133, 130

■ 86, 108, 105

■ 63, 83, 81

■ 40, 60, 58

■ 19, 38, 37

■ 0, 18, 15

 218, 242, 239

 218, 242, 239

 194, 242, 236

 242, 242, 242

 170, 242, 233

 255, 242, 245

 145, 242, 230

 255, 242, 248

 121, 242, 227

 255, 242, 251

 97, 242, 224

 255, 242, 254

 73, 242, 221

 255, 242, 255

 49, 242, 218

 24, 242, 215

 0, 242, 212

Harmonies

Analogous

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



223, 241, 231



218, 242, 239



218, 241, 247

Triad

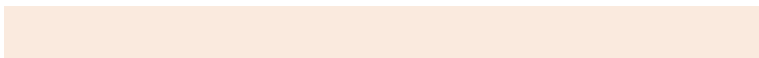
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 242, 239



242, 234, 250



250, 234, 222

Complementary

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



218, 242, 239



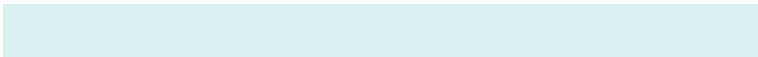
242, 218, 221

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.



254, 232, 227



218, 242, 239



250, 232, 243

Square

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



218, 242, 239



232, 237, 253



255, 232, 235



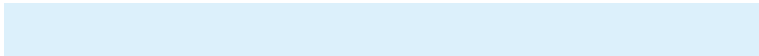
242, 237, 221

Rectangle

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



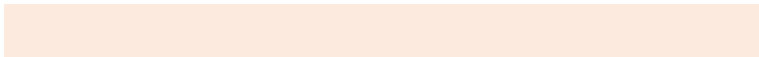
218, 242, 239



220, 240, 251



255, 232, 235



252, 234, 223

Sweetspot

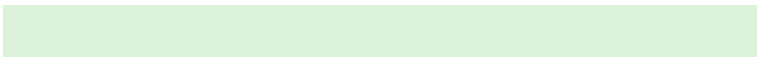
The Sweet Spot groups the original color and five complimentary colors.



218, 242, 239



247, 255, 254



221, 242, 218



122, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



218, 242, 239



224, 255, 251



218, 233, 242



108, 120, 118



0, 184, 161



0, 56, 49

Inverse Universe

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



242, 218, 221



255, 224, 228



242, 227, 218



120, 108, 109



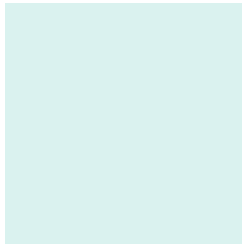
184, 0, 23



56, 0, 7

Previews

White Background



This preview shows how the RGB color 218, 242, 239 looks on a white background.

Color Contrast Check

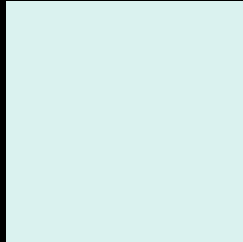
Large Text (above 18pt) WCAG AA × Fail

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, 242, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

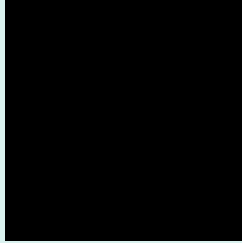
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

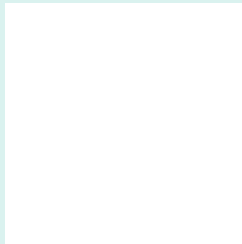
Any Text WCAG AAA ✓ Pass

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

RGB 218, 242, 239 Background



This preview shows how black text looks on a background with the RGB color 218, 242, 239.

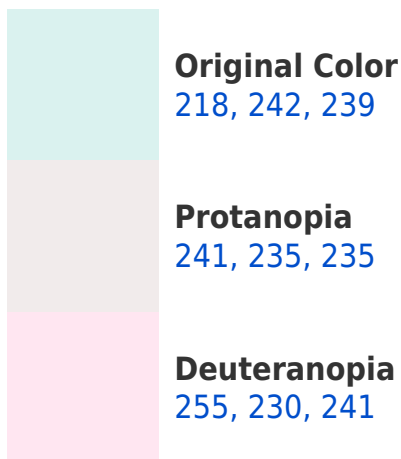


This preview shows how white text looks on a background with the RGB color 218, 242, 239.

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

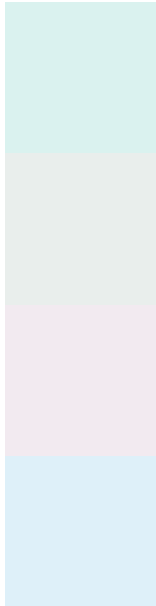




Tritanopia

224, 239, 255

Trichromacy



Original Color

218, 242, 239

Protanomaly

233, 238, 236

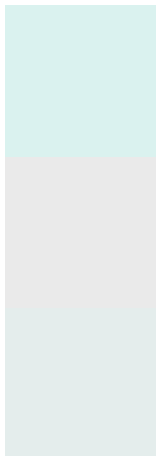
Deuteranomaly

242, 234, 240

Tritanomaly

222, 240, 249

Monochromacy



Original Color

218, 242, 239

Achromatopsia

234, 234, 234

Achromatomaly

228, 237, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 242, 239 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, 242, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 242, 239)  
}
```

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, 242, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 242, 239) }
```

Border

The CSS property to change the border of an element to RGB 218, 242, 239 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, 242, 239) }
```

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

```
.border{ border-color:rgb(218, 242, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 242, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 242, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 242, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 242,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 218, 242, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 242, 239) }
```

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

```
.background{ background-color: rgb(218,  
242, 239) }
```

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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