

# Converting Colors

RGB(216, 243, 240)

Have a look what the booklet for  
RGB(216, 243, 240) contains.

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# **Color**

**RGB(216, 243, 240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8F3F0
RGB	216, 243, 240
RGB Percent	85%, 95%, 94%
CMY	0.1529, 0.0471, 0.0588
CMYK	0.11, 0.00, 0.01, 0.05
HSL	173°, 53%, 90%
HSV	173°, 11%, 95%
XYZ	76.0977, 84.9914, 94.8323
YIQ	234.5850, -15.1290, -6.6570

# Conversions

## Conversions Part 2

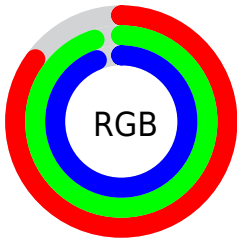
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 230, 243
Decimal	14218224
CIE Lab	93.88, -9.34, -1.55
CIE LCh	94, 9.465, 189.430
Yxy	84.9914, 0.2973, 0.3321
Android (android.graphics.Color)	4292408304 (0xFFD8F3F0)
YUV	234.5850, 2.6696, -16.2990
Hunter-Lab	92.1908, -13.9934, 3.5447

# Details

The RGB color **216, 243, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 216, 219**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 187, 184** is the 20% darker color. If you saturate the color by 10%, you get **192, 243, 237**, and if you desaturate by 10%, it is **240, 243, 243**.

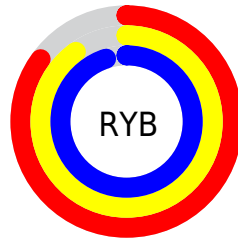
# Distribution



Red (85%)

Green (95%)

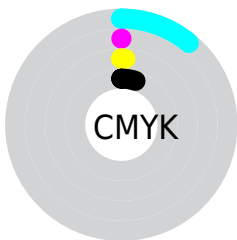
Blue (94%)



Red (85%)

Yellow (90%)

Blue (95%)

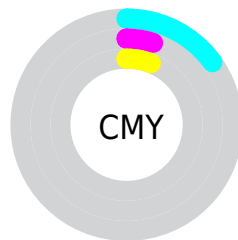


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 216, 243, 240 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 216, 243, 240 by changing the saturation by 10% instead.



■ 216, 243, 240

255, 255, 255

■ 216, 243, 240

■ 188, 215, 212

■ 161, 187, 184

■ 135, 160, 157

■ 109, 134, 131

■ 85, 108, 106

■ 61, 84, 82

■ 38, 61, 59

■ 17, 39, 37

■ 0, 19, 16

 216, 243, 240

 216, 243, 240

 192, 243, 237

 240, 243, 243

 167, 243, 235

 255, 243, 245

 143, 243, 232

 255, 243, 248

 119, 243, 229

 255, 243, 251

 95, 243, 227

 255, 243, 253

 70, 243, 224

 255, 243, 255

 46, 243, 221

 22, 243, 218

 0, 243, 216

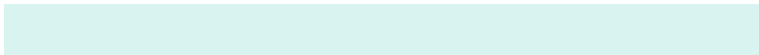
# Harmonies

## Analogous

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



222, 242, 231



216, 243, 240



216, 242, 249

# Triad

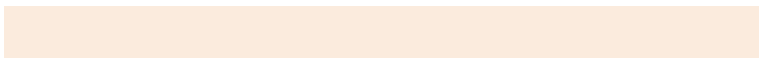
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216, 243, 240



243, 234, 252



251, 235, 221

# Complementary

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



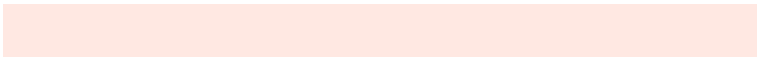
216, 243, 240



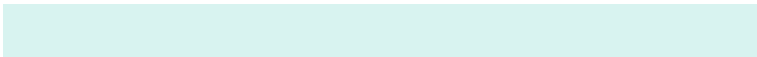
243, 216, 219

# 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.



255, 232, 226



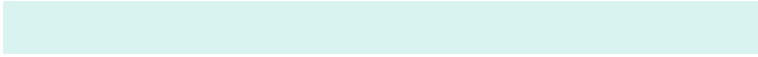
216, 243, 240



252, 232, 244

# Square

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



216, 243, 240



232, 237, 255



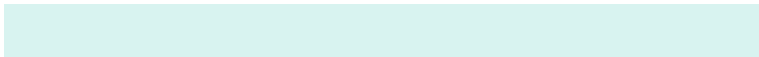
255, 231, 235



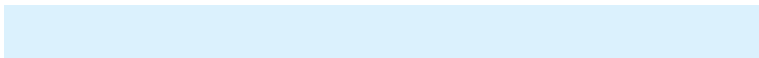
242, 238, 219

# Rectangle

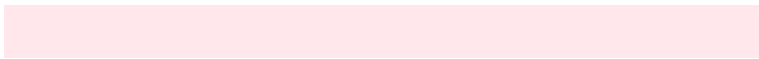
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



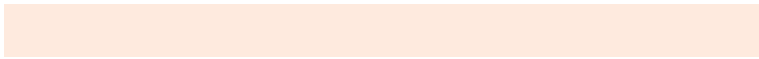
216, 243, 240



219, 241, 253



255, 231, 235



254, 234, 222



# Sweetspot

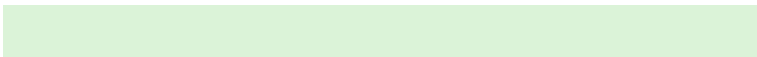
The Sweet Spot groups the original color and five complimentary colors.



216, 243, 240



247, 255, 254



219, 243, 216



122, 128, 127



0, 0, 0



128, 128, 128

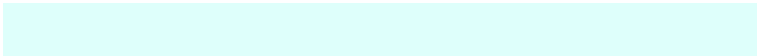


# Same Dimension

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



216, 243, 240



222, 255, 251



216, 233, 243



110, 122, 121



0, 186, 165



0, 59, 52



# Inverse Universe

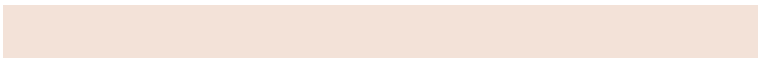
The Inverse Universe completely reimagines the original color for something new.



243, 216, 219



255, 222, 226



243, 226, 216



122, 110, 112



186, 0, 21

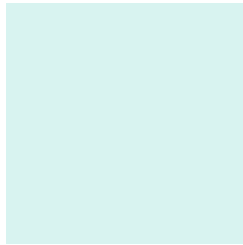


59, 0, 7



# Previews

## White Background



This preview shows how the RGB color 216, 243, 240 looks on a white background.

## Color Contrast Check

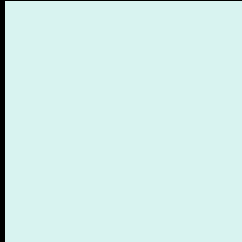
Large Text (above 18pt) WCAG AA × Fail

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 216, 243, 240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

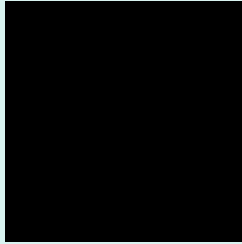
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

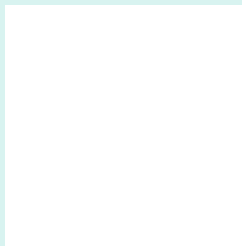
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 216, 243, 240 Background



This preview shows how black text looks on a background with the RGB color 216, 243, 240.



This preview shows how white text looks on a background with the RGB color 216, 243, 240.

# 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

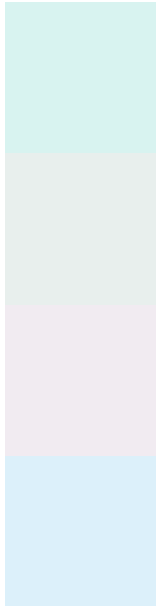




# Tritanopia

223, 239, 255

# Trichromacy



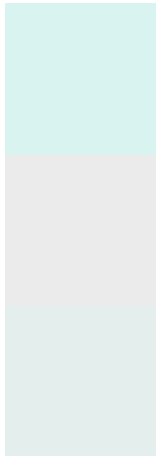
**Original Color**  
216, 243, 240

**Protanomaly**  
232, 239, 237

**Deuteranomaly**  
241, 235, 241

**Tritanomaly**  
220, 240, 250

# Monochromacy



**Original Color**  
216, 243, 240

**Achromatopsia**  
235, 235, 235

**Achromatomaly**  
228, 238, 237

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 216, 243, 240 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(216, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 243, 240)  
}
```

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(216, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 243, 240) }
```

## Border

The CSS property to change the border of an element to RGB 216, 243, 240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

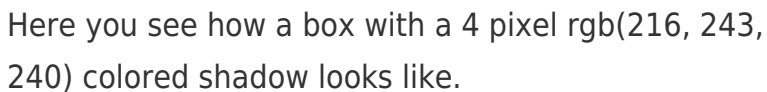
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 243, 240) }
```

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

```
.border{ border-color:rgb(216, 243, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 243, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 243, 240); box-shadow:4px 4px 4px 4px rgb(216, 243, 240) }
```

# Background

The CSS property to change the background color of an element to RGB 216, 243, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 243, 240) }
```

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

```
.background{ background-color: rgb(216,  
243, 240) }
```

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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