

Converting Colors

RGB(216, 236, 246)

Have a look what the booklet for
RGB(216, 236, 246) contains.

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Color

RGB(216, 236, 246)

Conversions

Conversions Part 1

Format	Color
Hex	D8ECF6
RGB	216, 236, 246
RGB Percent	85%, 93%, 96%
CMY	0.1529, 0.0745, 0.0353
CMYK	0.12, 0.04, 0.00, 0.04
HSL	200°, 63%, 91%
HSV	200°, 12%, 96%
XYZ	74.9489, 81.2437, 98.9201
YIQ	231.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

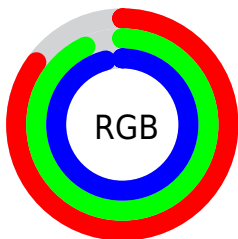
Format	Color
R _Y B	216, 228, 246
Decimal	14216438
CIE Lab	92.24, -4.62, -7.08
CIE LCh	92, 8.456, 236.892
Yxy	81.2437, 0.2938, 0.3185
Android (android.graphics.Color)	4292406518 (0xFFD8ECF6)
YUV	231.1600, 7.3161, -13.2953
Hunter-Lab	90.1353, -9.3111, -1.9739

Details

The RGB color **216, 236, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246, 226, 216**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **161, 180, 190** is the 20% darker color. If you saturate the color by 10%, you get **191, 228, 246**, and if you desaturate by 10%, it is **241, 244, 246**.

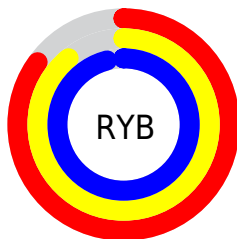
Distribution



Red (85%)

Green (93%)

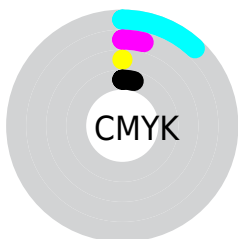
Blue (96%)



Red (85%)

Yellow (89%)

Blue (96%)

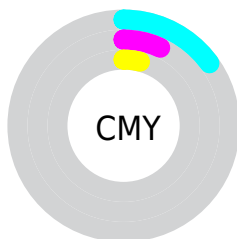


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 236, 246 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, 236, 246 by changing the saturation by 10% instead.

■ 216, 236, 246

255, 255, 255

■ 216, 236, 246

■ 188, 208, 218

■ 161, 180, 190

■ 135, 153, 163

■ 109, 128, 136

■ 85, 102, 111

■ 61, 78, 87

■ 39, 56, 63

■ 17, 34, 42

■ 0, 12, 21

■ 216, 236, 246

■ 216, 236, 246

■ 191, 228, 246

■ 241, 244, 246

■ 167, 220, 246

■ 255, 252, 246

■ 142, 211, 246

■ 255, 255, 246

■ 118, 203, 246

■ 93, 195, 246

■ 68, 187, 246

■ 44, 179, 246

■ 19, 170, 246

■ 0, 164, 246

Harmonies

Analogous

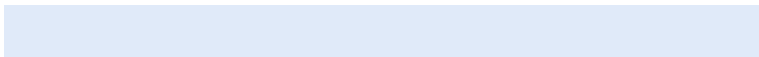
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 237, 240



216, 236, 246



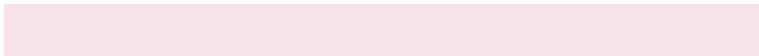
224, 234, 249

Triad

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



216, 236, 246



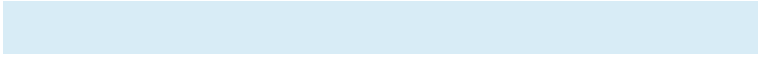
249, 227, 234



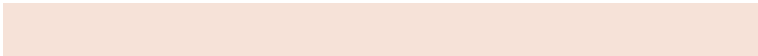
231, 234, 218

Complementary

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



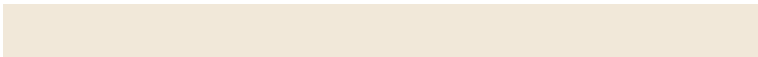
216, 236, 246



246, 226, 216

Split Complementary

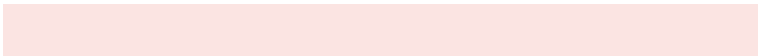
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 232, 217



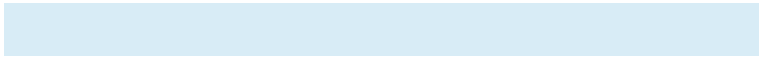
216, 236, 246



251, 228, 226

Square

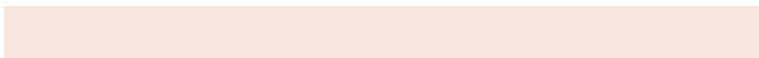
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216, 236, 246



243, 229, 242



248, 229, 219



222, 237, 224

Rectangle

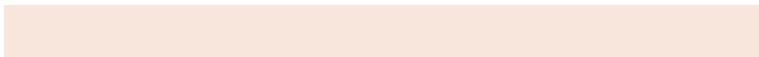
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216, 236, 246



230, 232, 248



248, 229, 219



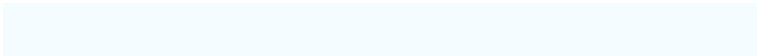
235, 234, 217

Sweetspot

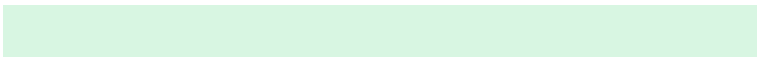
The Sweet Spot groups the original color and five complimentary colors.



216, 236, 246



245, 252, 255



216, 246, 226



121, 125, 128



0, 0, 0



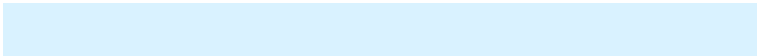
128, 128, 128

Same Dimension

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



216, 236, 246



217, 242, 255



216, 222, 246



110, 118, 122



0, 124, 186



0, 39, 59

Inverse Universe

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



246, 216, 236



255, 217, 242



246, 241, 216



122, 110, 118



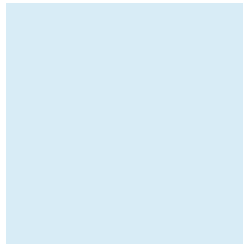
186, 0, 124



59, 0, 39

Previews

White Background



This preview shows how the RGB color 216, 236, 246 looks on a white background.

Color Contrast Check

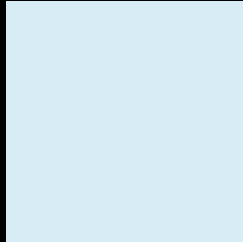
Large Text (above 18pt) WCAG AA × Fail

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, 236, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

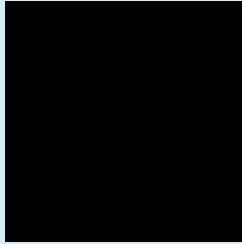
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

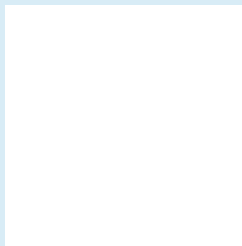
Any Text WCAG AAA ✓ Pass

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

RGB 216, 236, 246 Background



This preview shows how black text looks on a background with the RGB color 216, 236, 246.



This preview shows how white text looks on a background with the RGB color 216, 236, 246.

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](#).

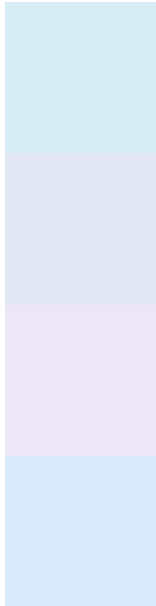
Dichromacy





Tritanopia
217, 235, 253

Trichromacy



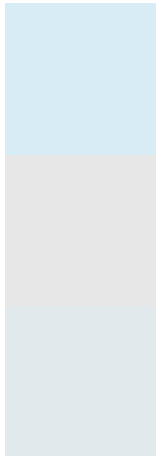
Original Color
216, 236, 246

Protanomaly
227, 233, 244

Deuteranomaly
236, 230, 247

Tritanomaly
217, 235, 250

Monochromacy



Original Color
216, 236, 246

Achromatopsia
231, 231, 231

Achromatomaly
226, 233, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 236, 246 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, 236, 246)` looks like.

```
.text, #text, p{  
    color:rgb(216, 236, 246)  
}
```

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, 236, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 236, 246) }
```

Border

The CSS property to change the border of an element to RGB 216, 236, 246 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, 236, 246) }
```

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

```
.border{ border-color:rgb(216, 236, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 236, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 236, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 236, 246);  
box-shadow:4px 4px 4px 4px rgb(216, 236,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 216, 236, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 236, 246) }
```

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

```
.background{ background-color: rgb(216,  
236, 246) }
```

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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