

Converting Colors

RGB(232, 246, 254)

Have a look what the booklet for
RGB(232, 246, 254) contains.

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Color

RGB(232, 246, 254)

Conversions

Conversions Part 1

Format	Color
Hex	E8F6FE
RGB	232, 246, 254
RGB Percent	91%, 96%, 100%
CMY	0.0902, 0.0353, 0.0039
CMYK	0.09, 0.03, 0.00, 0.00
HSL	202°, 92%, 95%
HSV	202°, 9%, 100%
XYZ	84.1239, 90.2231, 106.7469
YIQ	242.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

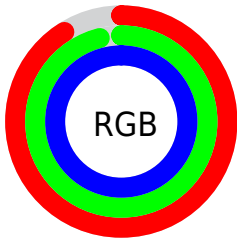
Format	Color
R _Y B	232, 241, 254
Decimal	15267582
CIE Lab	96.09, -3.08, -5.43
CIE LCh	96, 6.240, 240.407
Yxy	90.2231, 0.2993, 0.3210
Android (android.graphics.Color)	4293457662 (0xFFE8F6FE)
YUV	242.7260, 5.5581, -9.4067
Hunter-Lab	94.9858, -8.1373, -0.1412

Details

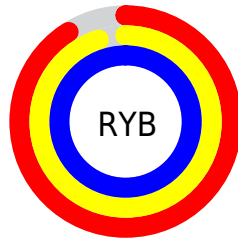
The RGB color **232, 246, 254** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **254, 240, 232**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 190, 197** is the 20% darker color. If you saturate the color by 10%, you get **207, 237, 254**, and if you desaturate by 10%, it is **255, 255, 254**.

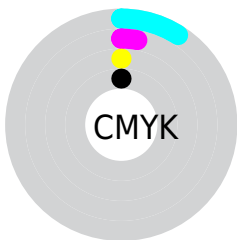
Distribution



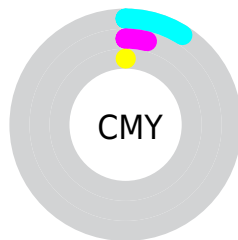
- Red (91%)
- Green (96%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 246, 254 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 232, 246, 254 by changing the saturation by 10% instead.

 232, 246, 254


255, 255, 255


 232, 246, 254

 204, 218, 225

 176, 190, 197

 150, 163, 170

 124, 136, 144

 99, 111, 118

 75, 87, 93

 52, 64, 70

 30, 42, 47

 8, 21, 27

232, 246, 254

232, 246, 254

207, 237, 254

255, 255, 254

181, 228, 254

156, 218, 254

130, 209, 254

105, 200, 254

80, 191, 254

54, 181, 254

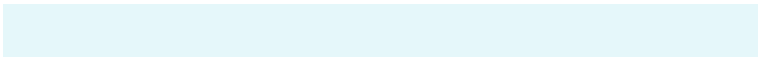
29, 172, 254

3, 163, 254

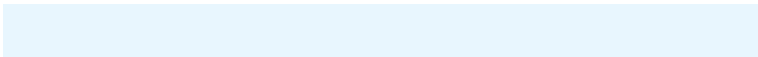
Harmonies

Analogous

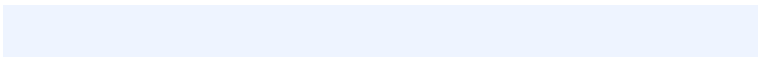
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 247, 250



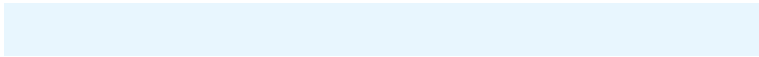
232, 246, 254



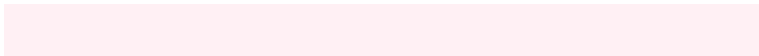
238, 244, 255

Triad

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



232, 246, 254



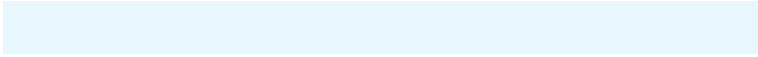
255, 240, 244



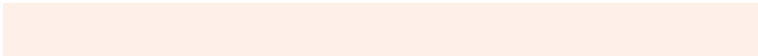
242, 245, 233

Complementary

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



232, 246, 254



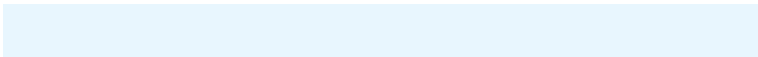
254, 240, 232

Split Complementary

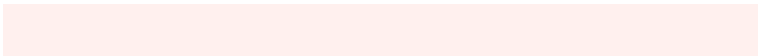
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 243, 232



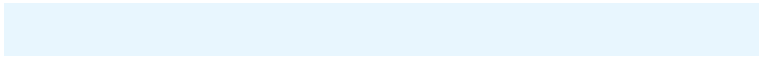
232, 246, 254



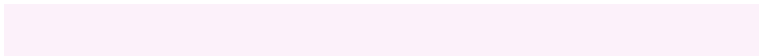
255, 240, 238

Square

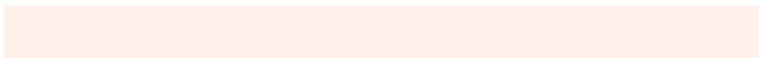
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



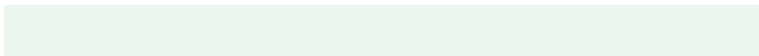
232, 246, 254



252, 241, 250



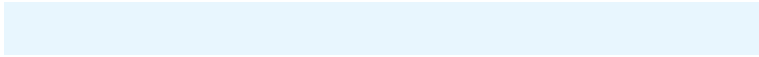
255, 241, 233



235, 247, 238

Rectangle

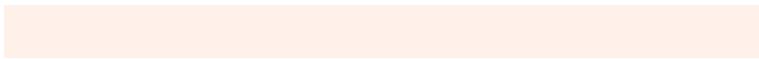
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232, 246, 254



243, 243, 255



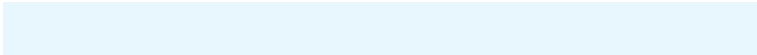
255, 241, 233



244, 245, 232

Sweetspot

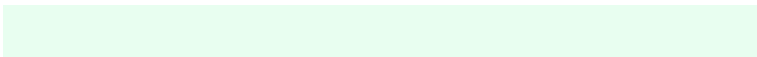
The Sweet Spot groups the original color and five complimentary colors.



232, 246, 254



247, 252, 255



232, 254, 240



122, 126, 128



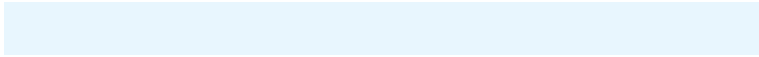
0, 0, 0



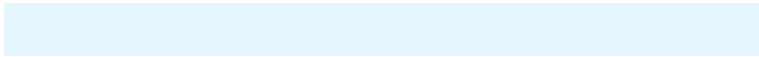
128, 128, 128

Same Dimension

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



232, 246, 254



230, 246, 255



232, 235, 254



115, 123, 128



0, 122, 191



0, 41, 64

Inverse Universe

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



254, 232, 246



255, 230, 246



254, 251, 232



128, 115, 123



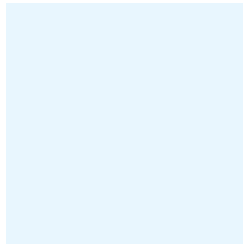
191, 0, 122



64, 0, 41

Previews

White Background



This preview shows how the RGB color 232, 246, 254 looks on a white background.

Color Contrast Check

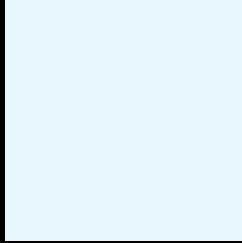
Large Text (above 18pt) WCAG AA × Fail

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 232, 246, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

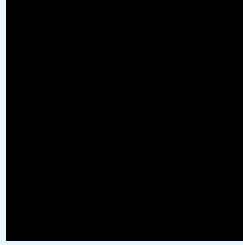
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

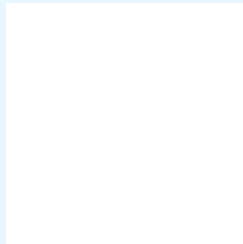
Any Text WCAG AAA ✓ Pass

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

RGB 232, 246, 254 Background



This preview shows how black text looks on a background with the RGB color 232, 246, 254.



This preview shows how white text looks on a background with the RGB color 232, 246, 254.

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](#).

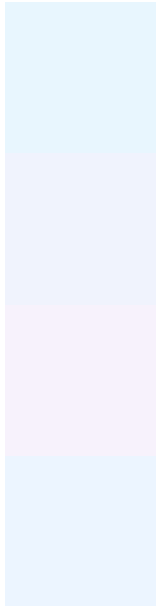
Dichromacy

	Original Color 232, 246, 254
	Protanopia 245, 242, 252
	Deuteranopia 255, 239, 251



Tritanopia
238, 244, 255

Trichromacy



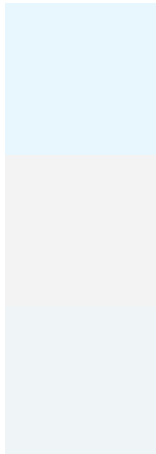
Original Color
232, 246, 254

Protanomaly
240, 243, 253

Deuteranomaly
247, 242, 252

Tritanomaly
236, 245, 255

Monochromacy



Original Color
232, 246, 254

Achromatopsia
243, 243, 243

Achromatomaly
239, 244, 247

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 246, 254 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(232, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 246, 254)  
}
```

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(232, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 246, 254) }
```

Border

The CSS property to change the border of an element to RGB 232, 246, 254 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(232, 246, 254) }
```

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

```
.border{ border-color:rgb(232, 246, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 246,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 232, 246, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 246, 254) }
```

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

```
.background{ background-color: rgb(232,  
246, 254) }
```

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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