

Converting Colors

RGB(234, 242, 254)

Have a look what the booklet for
RGB(234, 242, 254) contains.

RGB(234, 242, 254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(234, 242, 254)

Conversions

Conversions Part 1

Format	Color
Hex	EAF2FE
RGB	234, 242, 254
RGB Percent	92%, 95%, 100%
CMY	0.0824, 0.0510, 0.0039
CMYK	0.08, 0.05, 0.00, 0.00
HSL	216°, 91%, 96%
HSV	216°, 8%, 100%
XYZ	83.5732, 88.1524, 106.3763
YIQ	240.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

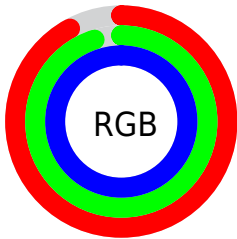
Format	Color
R_{YB}	234, 240, 254
Decimal	15397630
CIE _{Lab}	95.23, -0.41, -6.69
CIE _{LCh}	95, 6.698, 266.519
Yxy	88.1524, 0.3005, 0.3170
Android (android.graphics.Color)	4293587710 (0xFFEAF2FE)
YUV	240.9760, 6.4208, -6.1180
Hunter-Lab	93.8895, -5.4198, -1.4525

Details

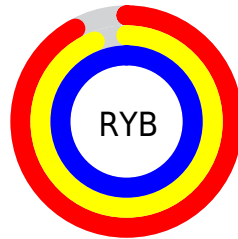
The RGB color **234, 242, 254** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **254, 246, 234**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 186, 197** is the 20% darker color. If you saturate the color by 10%, you get **209, 227, 254**, and if you desaturate by 10%, it is **255, 255, 254**.

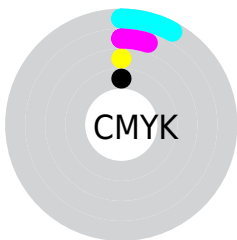
Distribution



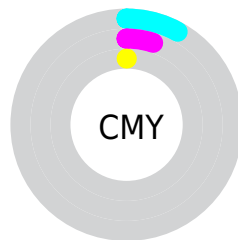
- Red (92%)
- Green (95%)
- Blue (100%)



- Red (92%)
- Yellow (94%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 242, 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 234, 242, 254 by changing the saturation by 10% instead.

■ 234, 242, 254

255, 255, 255

■ 234, 242, 254

■ 206, 214, 225

■ 178, 186, 197

■ 151, 159, 170

■ 126, 133, 144

■ 101, 108, 118

■ 76, 83, 93

■ 54, 60, 70

■ 32, 39, 47

■ 10, 18, 27

234, 242, 254

234, 242, 254

209, 227, 254

255, 255, 254

183, 212, 254

158, 196, 254

132, 181, 254

107, 166, 254

82, 151, 254

56, 135, 254

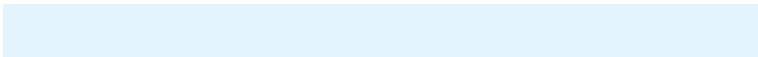
31, 120, 254

5, 105, 254

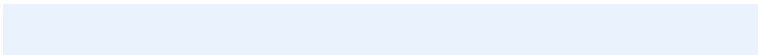
Harmonies

Analogous

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



228, 244, 252



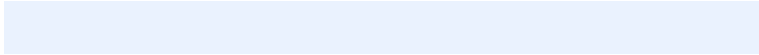
234, 242, 254



242, 240, 253

Triad

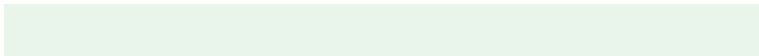
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 242, 254



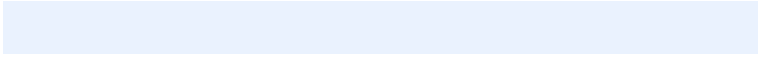
255, 237, 236



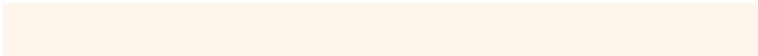
233, 244, 234

Complementary

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



234, 242, 254



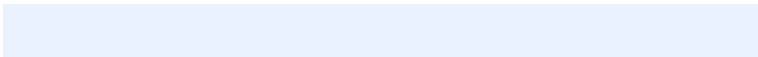
254, 246, 234

Split Complementary

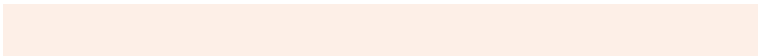
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 243, 230



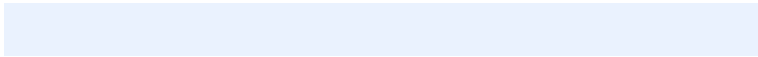
234, 242, 254



253, 239, 231

Square

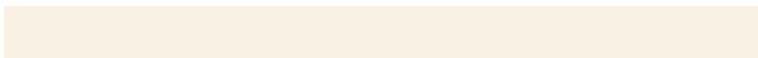
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



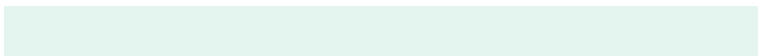
234, 242, 254



254, 237, 242



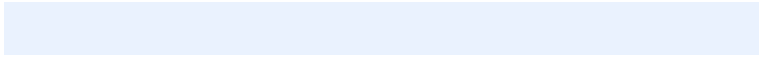
248, 241, 228



228, 245, 240

Rectangle

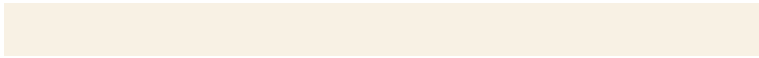
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234, 242, 254



247, 239, 250



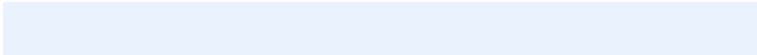
248, 241, 228



235, 244, 232

Sweetspot

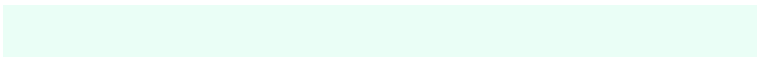
The Sweet Spot groups the original color and five complimentary colors.



234, 242, 254



250, 252, 255



234, 254, 246



125, 126, 128



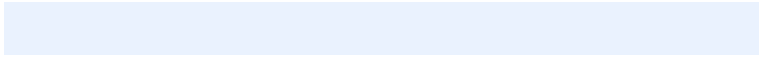
0, 0, 0



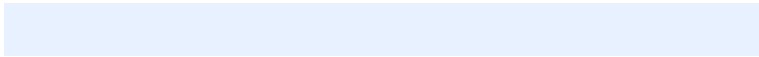
128, 128, 128

Same Dimension

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



234, 242, 254



232, 241, 255



236, 234, 254



115, 120, 128



0, 77, 191



0, 26, 64

Inverse Universe

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



254, 234, 242



255, 232, 241



252, 254, 234



128, 115, 120



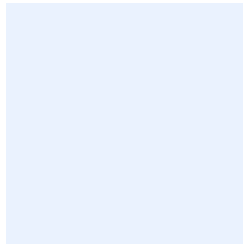
191, 0, 76



64, 0, 25

Previews

White Background



This preview shows how the RGB color 234, 242, 254 looks on a white background.

Color Contrast Check

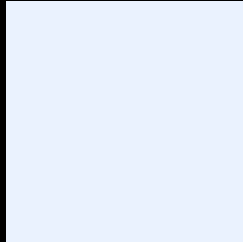
Large Text (above 18pt) WCAG AA × Fail

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 234, 242, 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

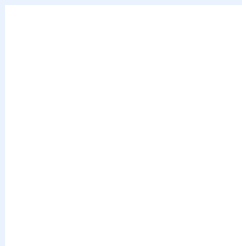
Any Text WCAG AAA ✓ Pass

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

RGB 234, 242, 254 Background



This preview shows how black text looks on a background with the RGB color 234, 242, 254.



This preview shows how white text looks on a background with the RGB color 234, 242, 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
234, 242, 254

Protanopia
242, 240, 253

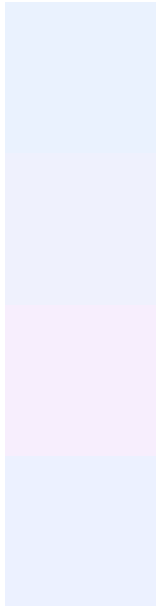
Deuteranopia
255, 235, 253



Tritanopia

237, 241, 255

Trichromacy



Original Color

234, 242, 254

Protanomaly

239, 241, 253

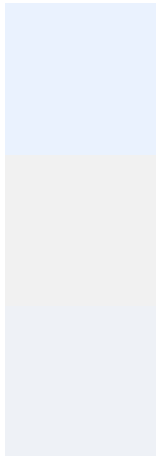
Deuteranomaly

247, 238, 253

Tritanomaly

236, 241, 255

Monochromacy



Original Color

234, 242, 254

Achromatopsia

241, 241, 241

Achromatomaly

238, 241, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 242, 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(234, 242, 254) looks like.

```
.text, #text, p{  
    color:rgb(234, 242, 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(234, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 242, 254) }
```

Border

The CSS property to change the border of an element to RGB 234, 242, 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(234, 242, 254) }
```

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

```
.border{ border-color:rgb(234, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 242,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 234, 242, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 242, 254) }
```

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

```
.background{ background-color: rgb(234,  
242, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor