

Converting Colors

RGB(232, 234, 250)

Have a look what the booklet for
RGB(232, 234, 250) contains.

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Color

RGB(232, 234, 250)

Conversions

Conversions Part 1

Format	Color
Hex	E8EAFA
RGB	232, 234, 250
RGB Percent	91%, 92%, 98%
CMY	0.0902, 0.0824, 0.0196
CMYK	0.07, 0.06, 0.00, 0.02
HSL	233°, 64%, 95%
HSV	233°, 7%, 98%
XYZ	79.9568, 82.9036, 102.2303
YIQ	235.2260, -6.3280, 4.5520

Conversions

Conversions Part 2

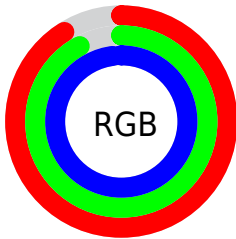
Format	Color
R _Y B	232, 234, 250
Decimal	15264506
CIE Lab	92.97, 2.29, -7.96
CIE LCh	93, 8.281, 286.072
Yxy	82.9036, 0.3016, 0.3127
Android (android.graphics.Color)	4293454586 (0xFFE8EAF8)
YUV	235.2260, 7.2836, -2.8292
Hunter-Lab	91.0514, -2.5900, -2.8334

Details

The RGB color **232, 234, 250** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **250, 248, 232**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 178, 194** is the 20% darker color. If you saturate the color by 10%, you get **207, 212, 250**, and if you desaturate by 10%, it is 255, 255, 250.

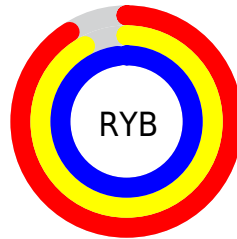
Distribution



Red (91%)

Green (92%)

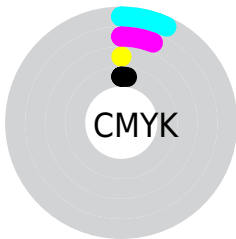
Blue (98%)



Red (91%)

Yellow (92%)

Blue (98%)

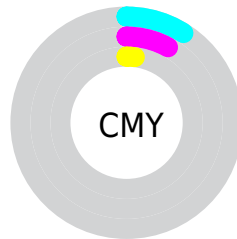


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 234, 250 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, 234, 250 by changing the saturation by 10% instead.

■ 232, 234, 250

255, 255, 255

■ 232, 234, 250

■ 204, 206, 221

■ 176, 178, 194

■ 150, 152, 166

■ 124, 126, 140

■ 99, 101, 115

■ 75, 77, 90

■ 52, 54, 67

■ 31, 33, 44

■ 8, 10, 24

232, 234, 250

232, 234, 250

207, 212, 250

255, 255, 250

182, 190, 250

157, 167, 250

132, 145, 250

107, 123, 250

82, 101, 250

57, 78, 250

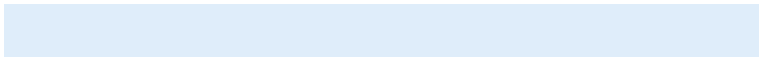
32, 56, 250

7, 34, 250

Harmonies

Analogous

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



223, 237, 250



232, 234, 250



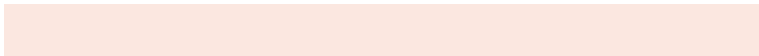
242, 232, 246

Triad

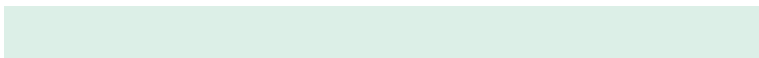
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 234, 250



251, 231, 224



220, 239, 231

Complementary

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



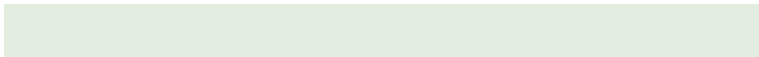
232, 234, 250



250, 248, 232

Split Complementary

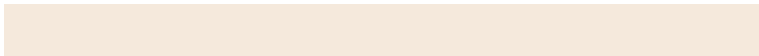
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 238, 224



232, 234, 250



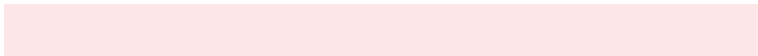
245, 233, 220

Square

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



232, 234, 250



252, 230, 231



237, 236, 220



216, 240, 239

Rectangle

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



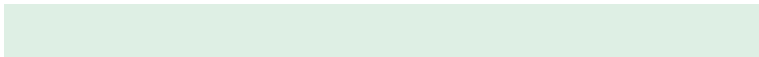
232, 234, 250



247, 230, 241



237, 236, 220



222, 239, 228

Sweetspot

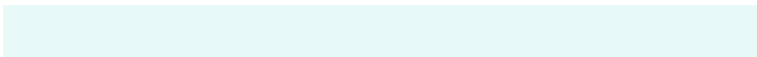
The Sweet Spot groups the original color and five complimentary colors.



232, 234, 250



250, 250, 255



232, 250, 248



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 234, 250



232, 235, 255



239, 232, 250



112, 114, 125



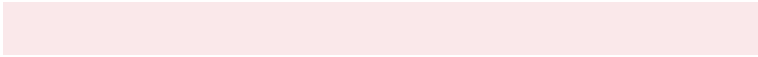
0, 21, 189



0, 7, 61

Inverse Universe

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



250, 232, 234



255, 232, 235



243, 250, 232



125, 112, 114



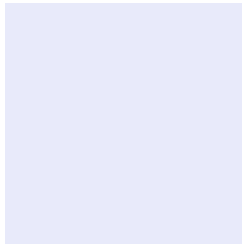
189, 0, 21



61, 0, 7

Previews

White Background



This preview shows how the RGB color 232, 234, 250 looks on a white background.

Color Contrast Check

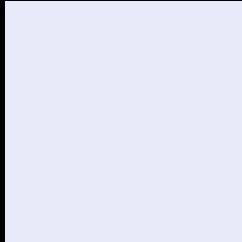
Large Text (above 18pt) WCAG AA × Fail

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, 234, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

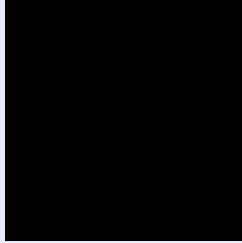
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

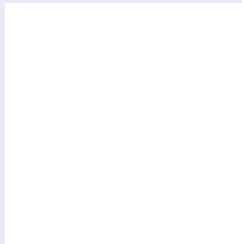
Any Text WCAG AAA ✓ Pass

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

RGB 232, 234, 250 Background



This preview shows how black text looks on a background with the RGB color 232, 234, 250.

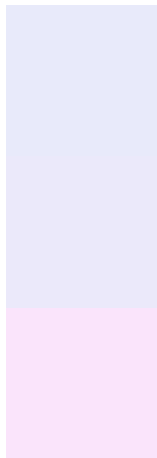


This preview shows how white text looks on a background with the RGB color 232, 234, 250.

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, 234, 250

Protanopia
235, 233, 250

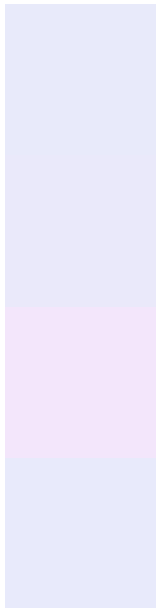
Deuteranopia
250, 228, 251



Tritanopia

232, 234, 252

Trichromacy



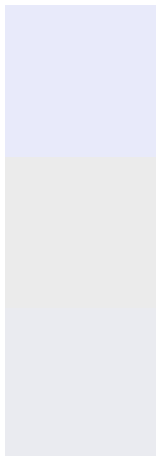
Original Color
232, 234, 250

Protanomaly
234, 233, 250

Deuteranomaly
243, 230, 251

Tritanomaly
232, 234, 251

Monochromacy



Original Color
232, 234, 250

Achromatopsia
235, 235, 235

Achromatomaly
234, 235, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 234, 250 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, 234, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 250)  
}
```

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, 234, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 250) }
```

Border

The CSS property to change the border of an element to RGB 232, 234, 250 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, 234, 250) }
```

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

```
.border{ border-color:rgb(232, 234, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 234, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 234, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 234, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 234,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 232, 234, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 250) }
```

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

```
.background{ background-color: rgb(232,  
234, 250) }
```

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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