

# Converting Colors

RGB(230, 240, 234)

Have a look what the booklet for  
RGB(230, 240, 234) contains.

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# Color

**RGB(230, 240, 234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6F0EA
RGB	230, 240, 234
RGB Percent	90%, 94%, 92%
CMY	0.0980, 0.0588, 0.0824
CMYK	0.04, 0.00, 0.03, 0.06
HSL	144°, 25%, 92%
HSV	144°, 4%, 94%
XYZ	78.6445, 85.0837, 90.1197
YIQ	236.3260, -4.0340, -3.9860

# Conversions

## Conversions Part 2

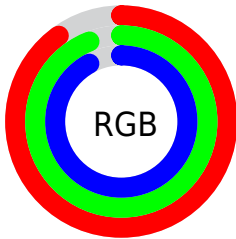
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	230, 237, 240
Decimal	15134954
CIE Lab	93.92, -4.39, 1.74
CIE LCh	94, 4.717, 158.409
Yxy	85.0837, 0.3098, 0.3352
Android (android.graphics.Color)	4293325034 (0xFFE6F0EA)
YUV	236.3260, -1.1467, -5.5479
Hunter-Lab	92.2408, -9.2324, 6.6420

# Details

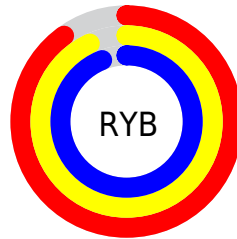
The RGB color `230, 240, 234` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `240, 230, 236`, and the grayscale version is `236, 236, 236`.

A 20% lighter version of the original color is `255, 255, 255`, and `175, 184, 178` is the 20% darker color. If you saturate the color by 10%, you get `206, 240, 220`, and if you desaturate by 10%, it is `254, 240, 248`.

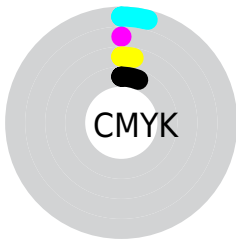
# Distribution



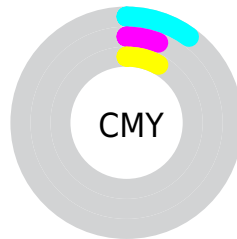
- Red (90%)
- Green (94%)
- Blue (92%)



- Red (90%)
- Yellow (93%)
- Blue (94%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 230, 240, 234 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 230, 240, 234 by changing the saturation by 10% instead.



■ 230, 240, 234

255, 255, 255

■ 230, 240, 234

■ 202, 212, 206

■ 175, 184, 178

■ 148, 157, 152

■ 122, 131, 126

■ 97, 106, 101

■ 74, 82, 77

■ 51, 59, 54

■ 30, 37, 33

■ 5, 16, 10

 230, 240, 234

 230, 240, 234

 206, 240, 220

 254, 240, 248

 182, 240, 205

 255, 240, 255

 158, 240, 191

 134, 240, 176

 110, 240, 162

 86, 240, 148

 62, 240, 133

 38, 240, 119

 14, 240, 104

# Harmonies

## Analogous

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



235, 239, 230



230, 240, 234



227, 240, 239

# Triad

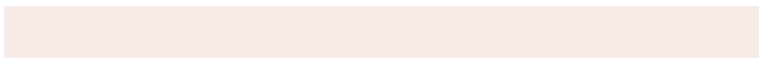
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 240, 234



235, 237, 246



247, 235, 232

# Complementary

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



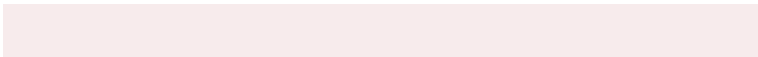
230, 240, 234



240, 230, 236

# 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.



247, 235, 236



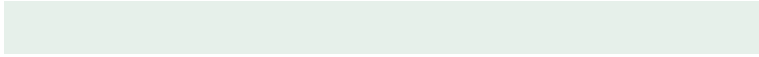
230, 240, 234



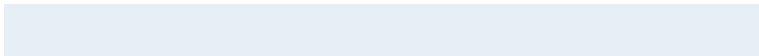
240, 236, 245

# Square

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



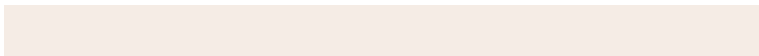
230, 240, 234



230, 239, 246



245, 235, 241



245, 236, 229

# Rectangle

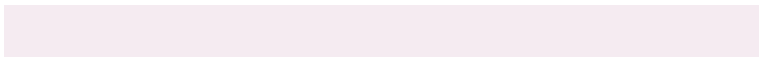
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



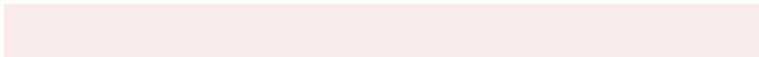
230, 240, 234



227, 240, 242



245, 235, 241



248, 235, 233



# Sweetspot

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



230, 240, 234



252, 255, 253



236, 240, 230



126, 128, 127



0, 0, 0



128, 128, 128

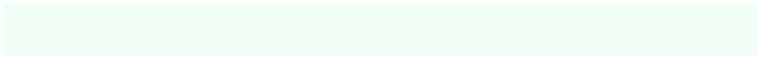


# Same Dimension

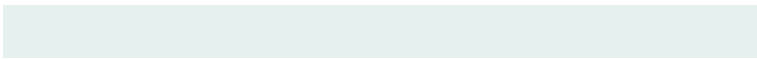
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 240, 234



242, 255, 247



230, 240, 239



113, 120, 116



0, 184, 73



0, 56, 22



# Inverse Universe

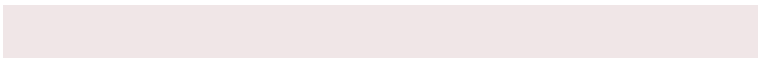
The Inverse Universe completely reimagines the original color for something new.



240, 230, 236



255, 242, 250



240, 230, 231



120, 113, 117



184, 0, 110

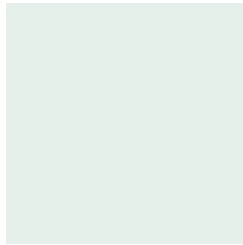


56, 0, 34



# Previews

## White Background



This preview shows how the RGB color 230, 240, 234 looks on a white background.

## Color Contrast Check

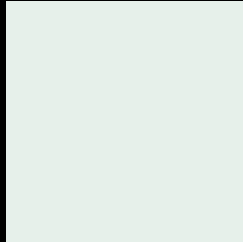
Large Text (above 18pt) WCAG AA × Fail

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 230, 240, 234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

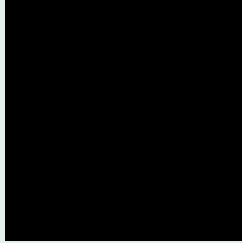
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

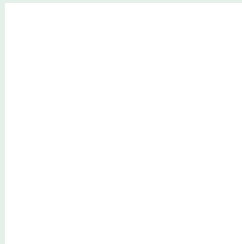
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 230, 240, 234 Background



This preview shows how black text looks on a background with the RGB color 230, 240, 234.



This preview shows how white text looks on a background with the RGB color 230, 240, 234.

# 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

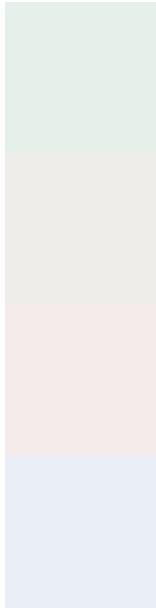




# Tritanopia

234, 237, 255

# Trichromacy



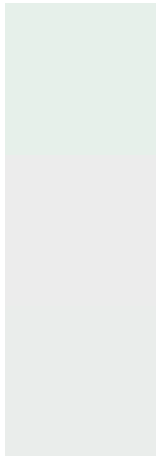
**Original Color**  
230, 240, 234

**Protanomaly**  
238, 237, 233

**Deuteranomaly**  
246, 235, 235

**Tritanomaly**  
233, 238, 247

# Monochromacy



**Original Color**  
230, 240, 234

**Achromatopsia**  
236, 236, 236

**Achromatomaly**  
234, 237, 235

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 230, 240, 234 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(230, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 234)  
}
```

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(230, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 234) }
```

## Border

The CSS property to change the border of an element to RGB 230, 240, 234 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(230, 240, 234) }
```

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

```
.border{ border-color:rgb(230, 240, 234) }
```

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

Here you see how a box with a 4 pixel rgb(230, 240, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
234) }
```

# Background

The CSS property to change the background color of an element to RGB 230, 240, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 234) }
```

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

```
.background{ background-color: rgb(230,  
240, 234) }
```

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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