

# Converting Colors

RGB(236, 240, 238)

Have a look what the booklet for  
RGB(236, 240, 238) contains.

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# **Color**

**RGB(236, 240, 238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECF0EE
RGB	236, 240, 238
RGB Percent	93%, 94%, 93%
CMY	0.0745, 0.0588, 0.0667
CMYK	0.02, 0.00, 0.01, 0.06
HSL	150°, 12%, 93%
HSV	150°, 2%, 94%
XYZ	81.1848, 86.3261, 93.2726
YIQ	238.5760, -1.7420, -1.4700

# Conversions

## Conversions Part 2

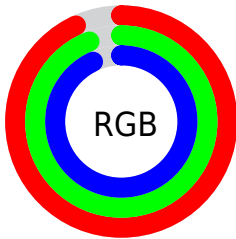
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 239, 240
Decimal	15528174
CIE Lab	94.45, -1.68, 0.49
CIE LCh	94, 1.750, 163.781
Yxy	86.3261, 0.3113, 0.3310
Android (android.graphics.Color)	4293718254 (0xFFE0F0EE)
YUV	238.5760, -0.2840, -2.2592
Hunter-Lab	92.9118, -6.6255, 5.5181

# Details

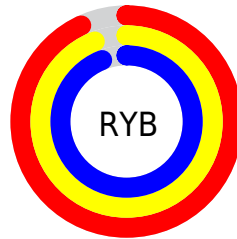
The RGB color **236, 240, 238** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 236, 238**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 184, 182** is the 20% darker color. If you saturate the color by 10%, you get **212, 240, 226**, and if you desaturate by 10%, it is **255, 240, 250**.

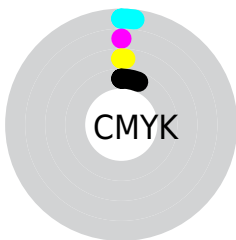
# Distribution



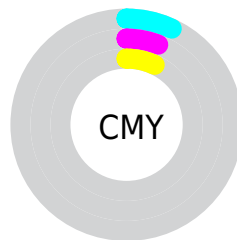
- Red (93%)
- Green (94%)
- Blue (93%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 236, 240, 238 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 236, 240, 238 by changing the saturation by 10% instead.



■ 236, 240, 238

255, 255, 255

■ 236, 240, 238

■ 208, 212, 210

■ 180, 184, 182

■ 153, 157, 155

■ 128, 131, 129

■ 102, 106, 104

■ 79, 82, 80

■ 56, 59, 57

■ 34, 37, 36

■ 12, 16, 14

 236, 240, 238

 236, 240, 238

 212, 240, 226

 255, 240, 250

 188, 240, 214

 255, 240, 255

 164, 240, 202

 140, 240, 190

 116, 240, 178

 92, 240, 166

 68, 240, 154

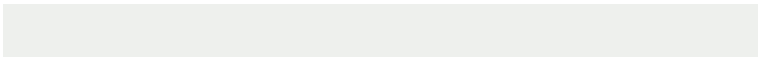
 44, 240, 142

 20, 240, 130

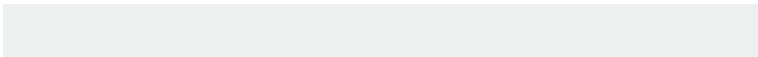
# Harmonies

## Analogous

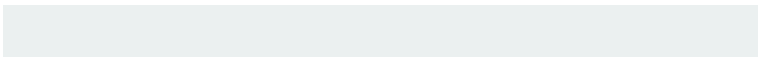
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 240, 237



236, 240, 238



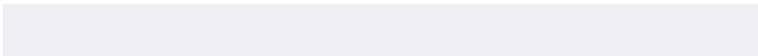
235, 240, 240

# Triad

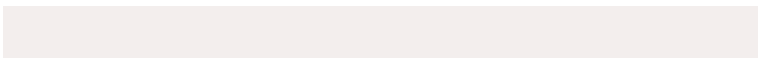
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 240, 238



238, 239, 242



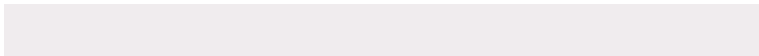
243, 238, 237

# Complementary

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



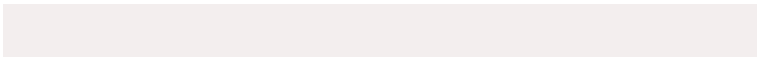
236, 240, 238



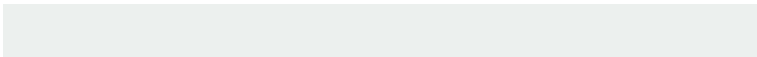
240, 236, 238

# Split Complementary

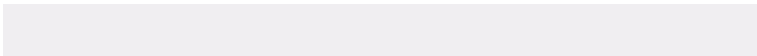
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 238, 238



236, 240, 238



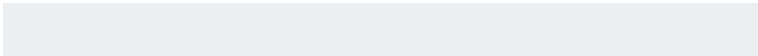
240, 238, 241

# Square

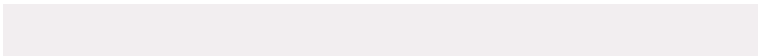
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



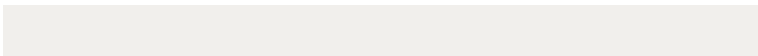
236, 240, 238



236, 239, 242



242, 238, 240



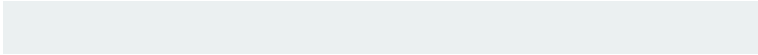
241, 239, 236

# Rectangle

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



236, 240, 238



235, 240, 241



242, 238, 240



243, 238, 237



# Sweetspot

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



236, 240, 238

255, 255, 255



238, 240, 236



128, 128, 128



0, 0, 0

# Same Dimension

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



236, 240, 238



250, 255, 252



236, 240, 240



117, 120, 119



0, 184, 92



0, 56, 28

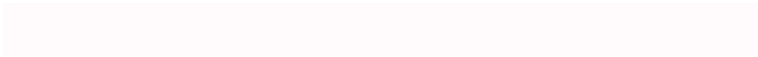


# Inverse Universe

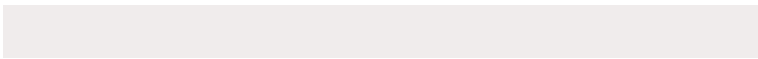
The Inverse Universe completely reimagines the original color for something new.



240, 236, 238



255, 250, 252



240, 236, 236



120, 117, 119



184, 0, 92

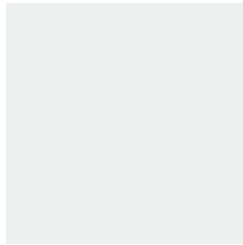


56, 0, 28



# Previews

## White Background



This preview shows how the RGB color 236, 240, 238 looks on a white background.

## Color Contrast Check

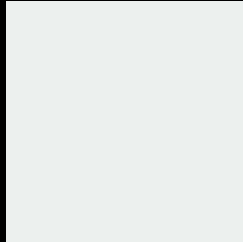
Large Text (above 18pt) WCAG AA × Fail

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 236, 240, 238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

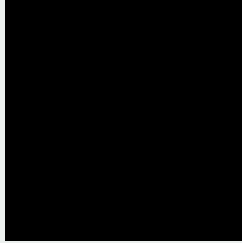
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

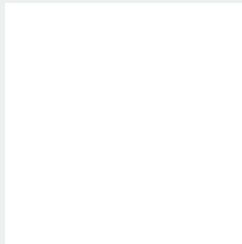
Any Text WCAG AAA ✓ Pass

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

## RGB 236, 240, 238 Background



This preview shows how black text looks on a background with the RGB color 236, 240, 238.



This preview shows how white text looks on a background with the RGB color 236, 240, 238.



# 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](#).

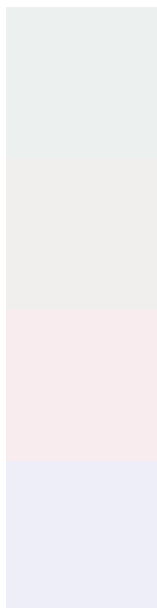
## Dichromacy





**Tritanopia**  
239, 237, 255

# Trichromacy



## Original Color

236, 240, 238

## Protanomaly

240, 239, 237

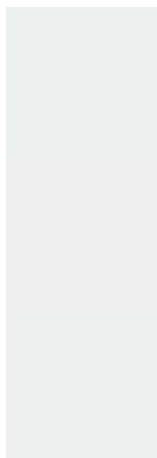
## Deuteranomaly

248, 236, 239

## Tritanomaly

238, 238, 249

# Monochromacy



## Original Color

236, 240, 238

## Achromatopsia

239, 239, 239

## Achromatomaly

238, 239, 239

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 236, 240, 238 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(236, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(236, 240, 238)  
}
```

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(236, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 240, 238) }
```

## Border

The CSS property to change the border of an element to RGB 236, 240, 238 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(236, 240, 238) }
```

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

```
.border{ border-color:rgb(236, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 240,  
238) }
```

# Background

The CSS property to change the background color of an element to RGB 236, 240, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 240, 238) }
```

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

```
.background{ background-color: rgb(236,  
240, 238) }
```

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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