

# Converting Colors

RGB(236, 237, 244)

Have a look what the booklet for  
RGB(236, 237, 244) contains.

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# Color

**RGB(236, 237, 244)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECEDF4
RGB	236, 237, 244
RGB Percent	93%, 93%, 96%
CMY	0.0745, 0.0706, 0.0431
CMYK	0.03, 0.03, 0.00, 0.04
HSL	233°, 27%, 94%
HSV	233°, 3%, 96%
XYZ	81.2054, 84.9329, 97.7017
YIQ	237.4990, -2.8430, 1.9650

# Conversions

## Conversions Part 2

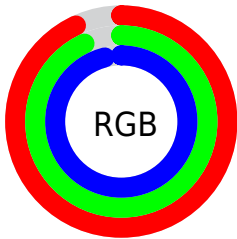
Format	Color
R <sub>Y</sub> B	236, 237, 244
Decimal	15527412
CIE Lab	93.85, 0.94, -3.50
CIE LCh	94, 3.624, 284.953
Yxy	84.9329, 0.3078, 0.3219
Android (android.graphics.Color)	4293717492 (0xFFECEF4)
YUV	237.4990, 3.2050, -1.3146
Hunter-Lab	92.1590, -3.9941, 1.6555

# Details

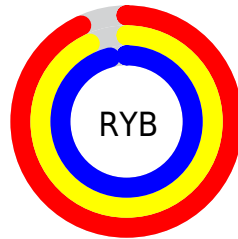
The RGB color **236, 237, 244** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **244, 243, 236**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 181, 188** is the 20% darker color. If you saturate the color by 10%, you get **212, 216, 244**, and if you desaturate by 10%, it is 255, 255, 244.

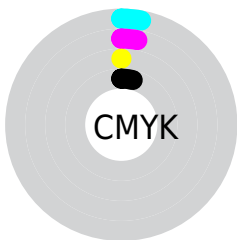
# Distribution



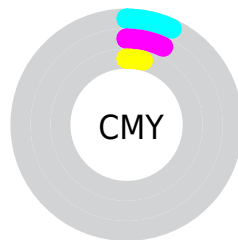
- Red (93%)
- Green (93%)
- Blue (96%)



- Red (93%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 236, 237, 244 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, 237, 244 by changing the saturation by 10% instead.



■ 236, 237, 244

255, 255, 255

■ 236, 237, 244

■ 208, 209, 216

■ 180, 181, 188

■ 153, 154, 161

■ 127, 128, 135

■ 102, 103, 109

■ 78, 79, 85

■ 56, 57, 62

■ 34, 35, 40


■ 12, 13, 20

 236, 237, 244

 236, 237, 244


 212, 216, 244


 255, 255, 244

 187, 194, 244


 163, 173, 244

 138, 152, 244

 114, 130, 244

 90, 109, 244

 65, 88, 244

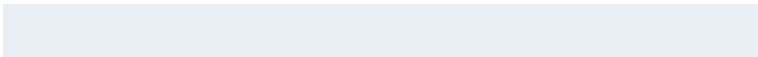
 41, 66, 244

 16, 45, 244

# Harmonies

## Analogous

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



232, 238, 244



236, 237, 244



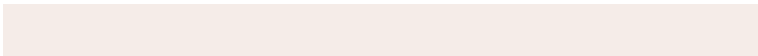
240, 236, 242

# Triad

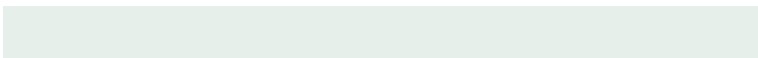
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 237, 244



245, 236, 232



231, 239, 235

# Complementary

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



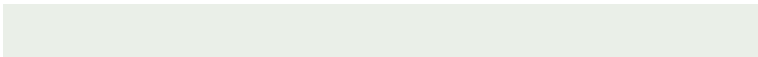
236, 237, 244



244, 243, 236

# Split Complementary

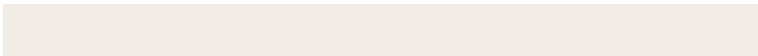
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 239, 232



236, 237, 244



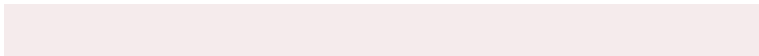
242, 236, 231

# Square

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



236, 237, 244



245, 235, 236



238, 238, 231



229, 239, 239

# Rectangle

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



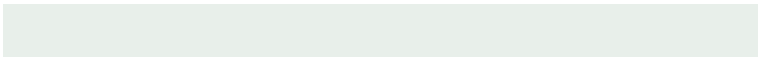
236, 237, 244



243, 235, 240



238, 238, 231



232, 239, 234



# Sweetspot

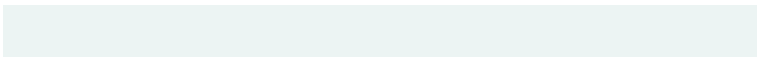
The Sweet Spot groups the original color and five complimentary colors.



236, 237, 244



252, 253, 255



236, 244, 243



126, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



236, 237, 244



245, 246, 255



239, 236, 244



116, 117, 122



0, 23, 186



0, 7, 59



# Inverse Universe

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



244, 236, 237



255, 245, 246



241, 244, 236



122, 116, 117



186, 0, 23

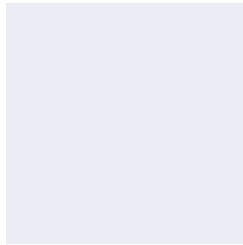


59, 0, 7



# Previews

## White Background



This preview shows how the RGB color 236, 237, 244 looks on a white background.

## Color Contrast Check

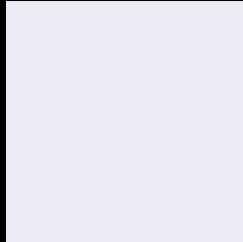
Large Text (above 18pt) WCAG AA × Fail

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, 237, 244 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

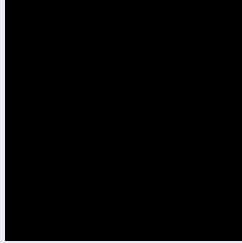
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

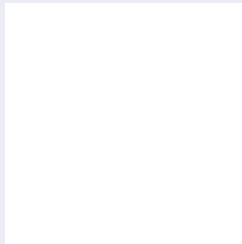
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 236, 237, 244 Background



This preview shows how black text looks on a background with the RGB color 236, 237, 244.

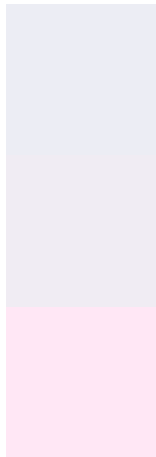


This preview shows how white text looks on a background with the RGB color 236, 237, 244.

# 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**  
236, 237, 244

**Protanopia**  
240, 236, 243

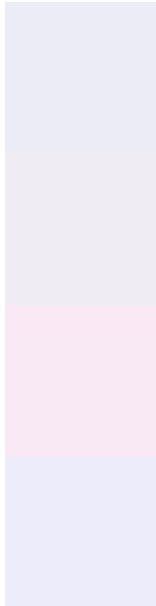
**Deuteranopia**  
255, 231, 245



# Tritanopia

238, 235, 254

# Trichromacy



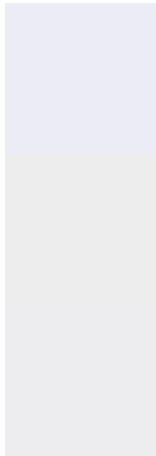
**Original Color**  
236, 237, 244

**Protanomaly**  
239, 236, 243

**Deuteranomaly**  
248, 233, 245

**Tritanomaly**  
237, 236, 250

# Monochromacy



**Original Color**  
236, 237, 244

**Achromatopsia**  
237, 237, 237

**Achromatomaly**  
237, 237, 240

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 236, 237, 244 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, 237, 244) looks like.

```
.text, #text, p{  
    color:rgb(236, 237, 244)  
}
```

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, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 237, 244) }
```

## Border

The CSS property to change the border of an element to RGB 236, 237, 244 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, 237, 244) }
```

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

```
.border{ border-color:rgb(236, 237, 244) }
```

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

Here you see how a box with a 4 pixel rgb(236, 237, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(236, 237,  
244) }
```

# Background

The CSS property to change the background color of an element to RGB 236, 237, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 237, 244) }
```

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

```
.background{ background-color: rgb(236,  
237, 244) }
```

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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