

# Converting Colors

RGB(226, 233, 235)

Have a look what the booklet for  
RGB(226, 233, 235) contains.

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# **Color**

**RGB(226, 233, 235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E9EB
RGB	226, 233, 235
RGB Percent	89%, 91%, 92%
CMY	0.1137, 0.0863, 0.0784
CMYK	0.04, 0.01, 0.00, 0.08
HSL	193°, 18%, 90%
HSV	193°, 4%, 92%
XYZ	75.4983, 80.4447, 90.1455
YIQ	231.1350, -4.8140, -0.8620

# Conversions

## Conversions Part 2

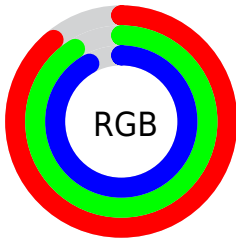
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 230, 235
Decimal	14871019
CIE Lab	91.88, -1.96, -1.79
CIE LCh	92, 2.654, 222.446
Yxy	80.4447, 0.3068, 0.3269
Android (android.graphics.Color)	4293061099 (0xFFE2E9EB)
YUV	231.1350, 1.9054, -4.5034
Hunter-Lab	89.6910, -6.7050, 3.1933

# Details

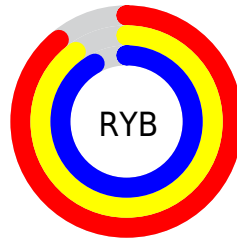
The RGB color **226, 233, 235** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **235, 228, 226**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 177, 179** is the 20% darker color. If you saturate the color by 10%, you get **203, 228, 235**, and if you desaturate by 10%, it is **249, 238, 235**.

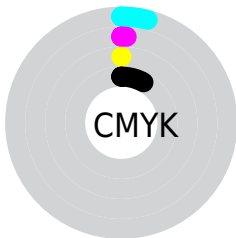
# Distribution



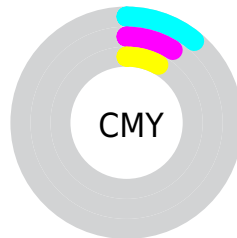
- Red (89%)
- Green (91%)
- Blue (92%)



- Red (89%)
- Yellow (90%)
- Blue (92%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (9%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 226, 233, 235 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 226, 233, 235 by changing the saturation by 10% instead.



■ 226, 233, 235

255, 255, 255

■ 226, 233, 235

■ 198, 205, 207

■ 171, 177, 179

■ 144, 151, 153

■ 119, 125, 127

■ 94, 100, 102

■ 70, 76, 78

■ 48, 53, 55

■ 27, 32, 34

■ 0, 9, 11

 226, 233, 235

 226, 233, 235

 203, 228, 235

 249, 238, 235

 179, 223, 235

 255, 243, 235

 155, 217, 235

 255, 249, 235


 132, 212, 235


 255, 254, 235


 109, 207, 235

 255, 255, 235

 85, 202, 235

 61, 196, 235

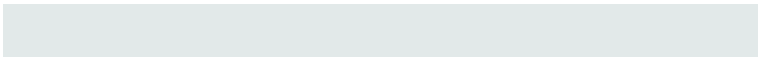
 38, 191, 235

 14, 186, 235

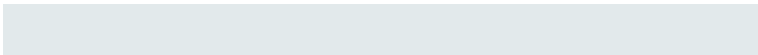
# Harmonies

## Analogous

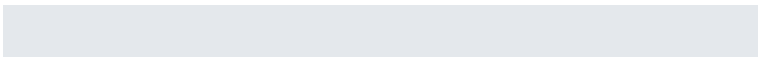
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226, 233, 233



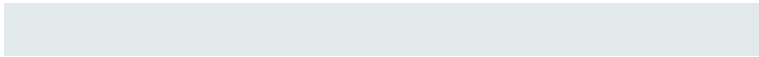
226, 233, 235



228, 232, 236

# Triad

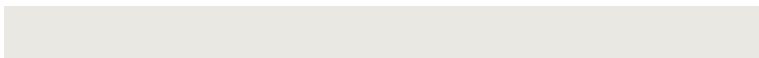
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 233, 235



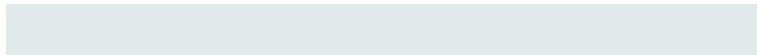
236, 230, 233



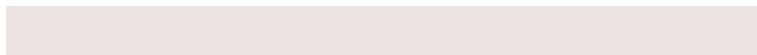
233, 232, 227

# Complementary

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



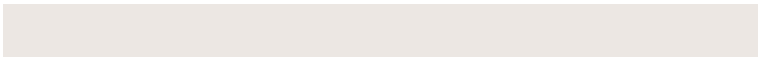
226, 233, 235



235, 228, 226

# 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.



236, 231, 227



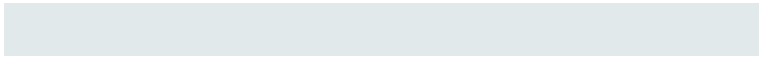
226, 233, 235



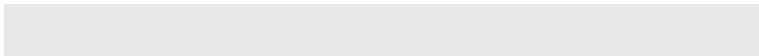
237, 230, 231

# Square

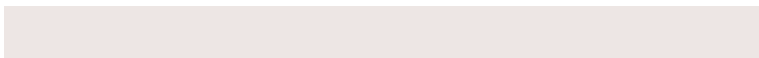
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



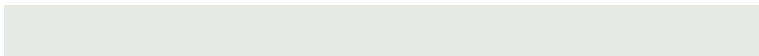
226, 233, 235



234, 231, 235



237, 230, 228



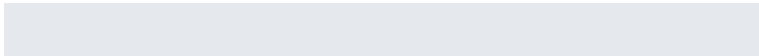
230, 233, 228

# Rectangle

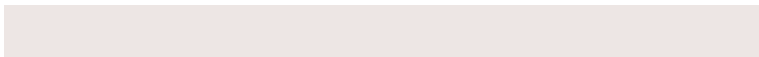
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



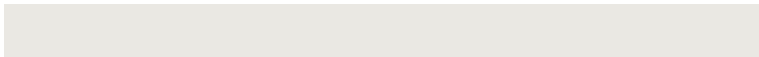
226, 233, 235



229, 232, 237



237, 230, 228



234, 232, 227



# Sweetspot

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



226, 233, 235



252, 254, 255



226, 235, 228



126, 127, 128



0, 0, 0

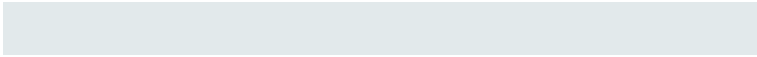


128, 128, 128

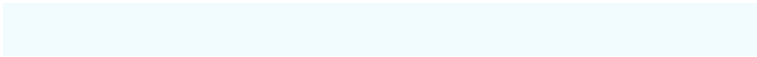


# Same Dimension

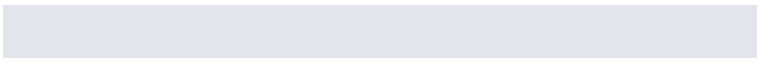
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 233, 235



242, 252, 255



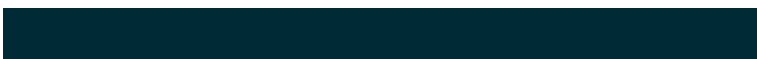
226, 229, 235



110, 116, 117



0, 141, 181



0, 42, 54



# Inverse Universe

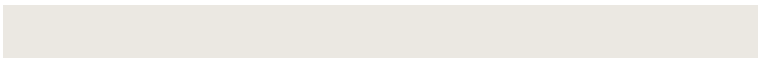
The Inverse Universe completely reimagines the original color for something new.



235, 226, 233



255, 242, 252



235, 232, 226



117, 110, 116



181, 0, 141

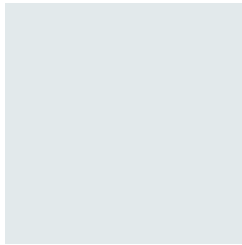


54, 0, 42



# Previews

## White Background



This preview shows how the RGB color 226, 233, 235 looks on a white background.

## Color Contrast Check

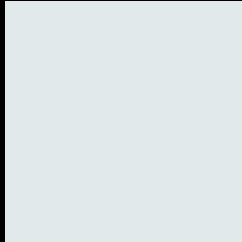
Large Text (above 18pt) WCAG AA × Fail

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 226, 233, 235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

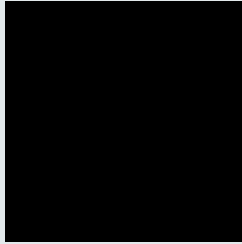
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

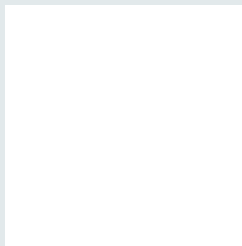
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 226, 233, 235 Background



This preview shows how black text looks on a background with the RGB color 226, 233, 235.



This preview shows how white text looks on a background with the RGB color 226, 233, 235.

# 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

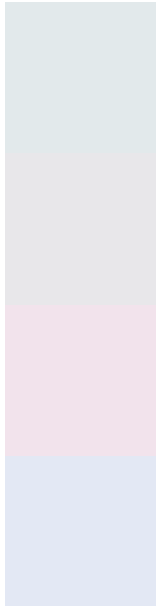




# Tritanopia

228, 231, 249

# Trichromacy



**Original Color**

226, 233, 235

**Protanomaly**

232, 231, 234

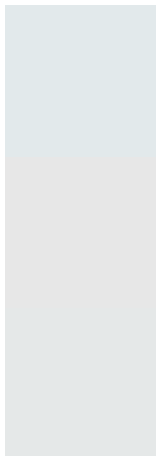
**Deuteranomaly**

242, 227, 236

**Tritanomaly**

227, 232, 244

# Monochromacy



**Original Color**

226, 233, 235

**Achromatopsia**

231, 231, 231

**Achromatomaly**

229, 232, 232

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 226, 233, 235 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(226, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 235)  
}
```

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(226, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 235) }
```

## Border

The CSS property to change the border of an element to RGB 226, 233, 235 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(226, 233, 235) }
```

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

```
.border{ border-color:rgb(226, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
235) }
```

# Background

The CSS property to change the background color of an element to RGB 226, 233, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 235) }
```

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

```
.background{ background-color: rgb(226,  
233, 235) }
```

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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