

# Converting Colors

RGB(236, 226, 226)

Have a look what the booklet for  
RGB(236, 226, 226) contains.

<b>RGB(236, 226, 226)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(236, 226, 226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE2E2
RGB	236, 226, 226
RGB Percent	93%, 89%, 89%
CMY	0.0745, 0.1137, 0.1137
CMYK	0.00, 0.04, 0.04, 0.07
HSL	0°, 21%, 91%
HSV	0°, 4%, 93%
XYZ	75.5159, 77.7166, 82.9722
YIQ	228.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

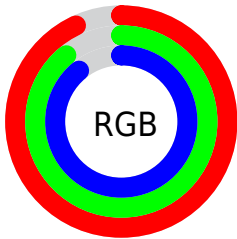
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 226, 226
Decimal	15524578
CIE Lab	90.65, 3.39, 1.20
CIE LCh	91, 3.601, 19.490
Yxy	77.7166, 0.3197, 0.3290
Android (android.graphics.Color)	4293714658 (0xFFECE2E2)
YUV	228.9900, -1.4741, 6.1478
Hunter-Lab	88.1570, -1.3704, 5.9069

# Details

The RGB color **236, 226, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 236, 236**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 171, 171** is the 20% darker color. If you saturate the color by 10%, you get **236, 202, 202**, and if you desaturate by 10%, it is **236, 250, 250**.

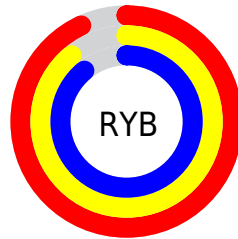
# Distribution



Red (93%)

Green (89%)

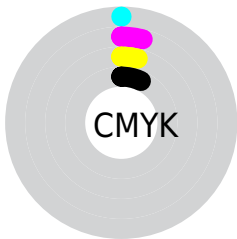
Blue (89%)



Red (93%)

Yellow (89%)

Blue (89%)

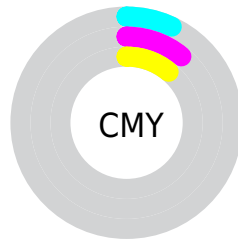


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 236, 226, 226 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, 226, 226 by changing the saturation by 10% instead.



 236, 226, 226

255, 255, 255

 236, 226, 226

 208, 198, 198

 180, 171, 171

 153, 144, 144

 127, 119, 119

 102, 94, 94

 78, 70, 70

 56, 48, 48

 34, 27, 27


 12, 0, 0

 236, 226, 226

 236, 226, 226


 236, 202, 202


 236, 250, 250

 236, 179, 179

 236, 255, 255

 236, 155, 155

 236, 132, 132

 236, 108, 108

 236, 84, 84

 236, 61, 61

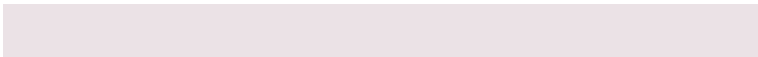
 236, 37, 37

 236, 14, 14

# Harmonies

## Analogous

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



235, 226, 230



236, 226, 226



235, 227, 223

# Triad

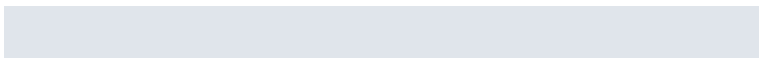
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 226, 226



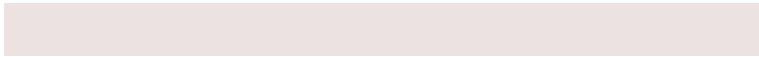
225, 230, 224



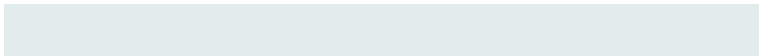
224, 229, 235

# Complementary

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



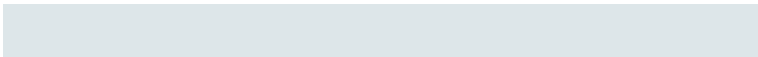
236, 226, 226



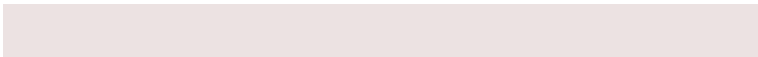
226, 236, 236

# 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.



221, 230, 233



236, 226, 226



222, 230, 227

# Square

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



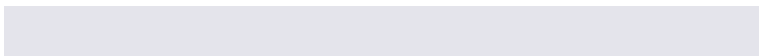
236, 226, 226



229, 229, 222



220, 230, 230



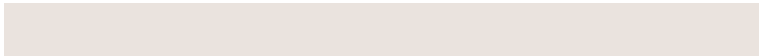
228, 228, 235

# Rectangle

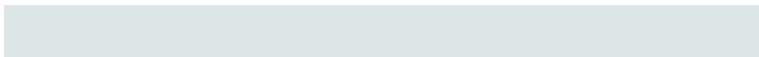
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236, 226, 226



234, 227, 222



220, 230, 230



222, 229, 235



# Sweetspot

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



236, 226, 226



255, 252, 252



236, 226, 236



128, 126, 126



0, 0, 0



128, 128, 128

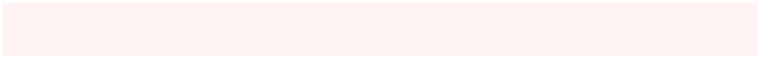


# Same Dimension

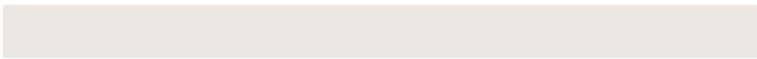
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236, 226, 226



255, 242, 242



236, 231, 226



117, 110, 110



181, 0, 0



54, 0, 0

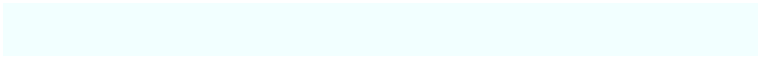


# Inverse Universe

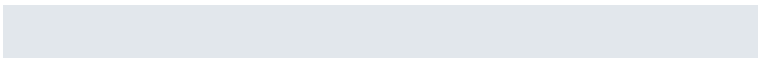
The Inverse Universe completely reimagines the original color for something new.



226, 236, 236



242, 255, 255



226, 231, 236



110, 117, 117



0, 181, 181

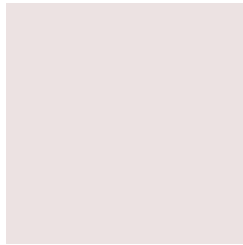


0, 54, 54



# Previews

## White Background



This preview shows how the RGB color 236, 226, 226 looks on a white background.

## Color Contrast Check

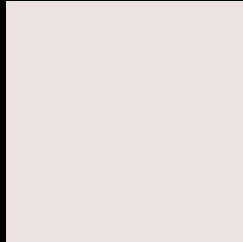
Large Text (above 18pt) WCAG AA × Fail

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, 226, 226 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

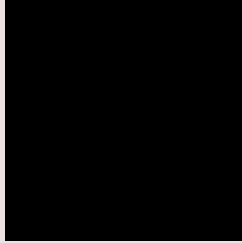
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

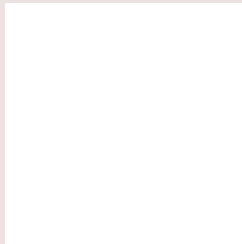
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 236, 226, 226 Background



This preview shows how black text looks on a background with the RGB color 236, 226, 226.

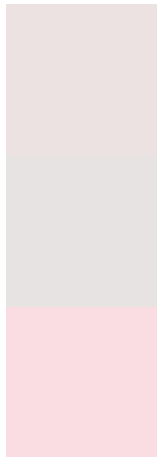


This preview shows how white text looks on a background with the RGB color 236, 226, 226.

# 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, 226, 226

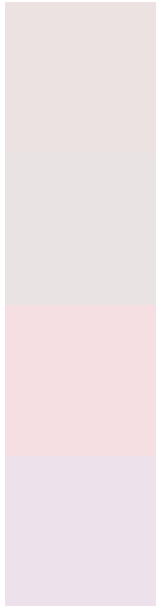
**Protanopia**  
232, 227, 227

**Deuteranopia**  
250, 221, 227



**Tritanopia**  
238, 224, 241

# Trichromacy



**Original Color**

236, 226, 226

**Protanomaly**

233, 227, 227

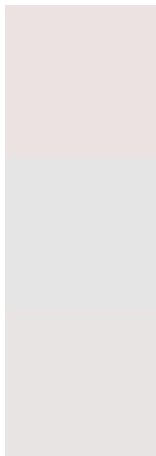
**Deuteranomaly**

245, 223, 227

**Tritanomaly**

237, 225, 236

# Monochromacy



**Original Color**

236, 226, 226

**Achromatopsia**

229, 229, 229

**Achromatomaly**

232, 228, 228

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 236, 226, 226 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, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 226)  
}
```

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, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 226) }
```

## Border

The CSS property to change the border of an element to RGB 236, 226, 226 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, 226, 226) }
```

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

```
.border{ border-color:rgb(236, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
226) }
```

# Background

The CSS property to change the background color of an element to RGB 236, 226, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 226) }
```

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

```
.background{ background-color: rgb(236,  
226, 226) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor