

# Converting Colors

RGB(236, 232, 241)

Have a look what the booklet for  
RGB(236, 232, 241) contains.

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# **Color**

**RGB(236, 232, 241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE8F1
RGB	236, 232, 241
RGB Percent	93%, 91%, 95%
CMY	0.0745, 0.0902, 0.0549
CMYK	0.02, 0.04, 0.00, 0.05
HSL	267°, 24%, 93%
HSV	267°, 4%, 95%
XYZ	79.3259, 81.8970, 94.8459
YIQ	234.2220, -0.5050, 3.6470

# Conversions

## Conversions Part 2

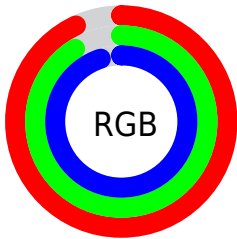
Format	Color
R <sub>Y</sub> B	236, 232, 241
Decimal	15526129
CIE Lab	92.53, 2.96, -3.89
CIE LCh	93, 4.884, 307.255
Yxy	81.8970, 0.3098, 0.3198
Android (android.graphics.Color)	4293716209 (0xFFECE8F1)
YUV	234.2220, 3.3416, 1.5593
Hunter-Lab	90.4969, -1.9039, 1.2086

# Details

The RGB color **236, 232, 241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 241, 232**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 176, 185** is the 20% darker color. If you saturate the color by 10%, you get **223, 208, 241**, and if you desaturate by 10%, it is 249, 255, 241.

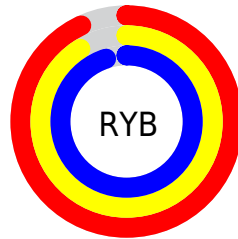
# Distribution



Red (93%)

Green (91%)

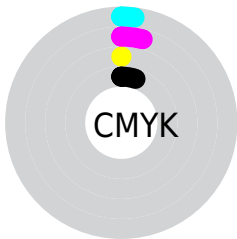
Blue (95%)



Red (93%)

Yellow (91%)

Blue (95%)

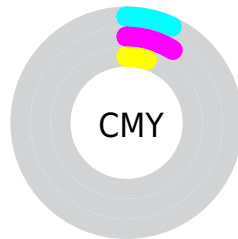


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (9%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 236, 232, 241 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, 232, 241 by changing the saturation by 10% instead.



■ 236, 232, 241

255, 255, 255

■ 236, 232, 241

■ 208, 204, 213

■ 180, 176, 185

■ 153, 150, 158

■ 127, 124, 132

■ 102, 99, 107

■ 78, 75, 83

■ 56, 53, 60

■ 34, 31, 38

■ 12, 7, 17

 236, 232, 241

 236, 232, 241


 223, 208, 241

 249, 255, 241

 209, 184, 241


 255, 255, 241

 196, 160, 241

 182, 136, 241

 169, 111, 241

 156, 87, 241

 142, 63, 241

 129, 39, 241

 116, 15, 241

# Harmonies

## Analogous

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



230, 234, 243



236, 232, 241



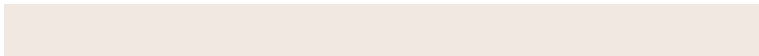
241, 231, 237

# Triad

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



236, 232, 241



241, 232, 225



223, 236, 235

# Complementary

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



236, 232, 241



237, 241, 232

# Split Complementary

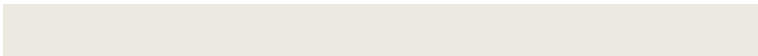
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 236, 230



236, 232, 241



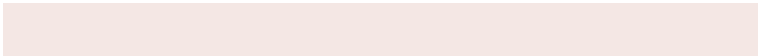
236, 234, 224

# Square

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



236, 232, 241



244, 231, 228



231, 235, 226



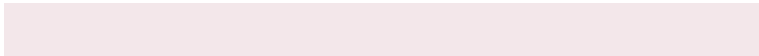
223, 236, 239

# Rectangle

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



236, 232, 241



243, 231, 234



231, 235, 226



224, 236, 233



# Sweetspot

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



236, 232, 241



254, 252, 255



232, 237, 241



127, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



236, 232, 241



249, 245, 255



240, 232, 241



117, 114, 120



82, 0, 184



25, 0, 56

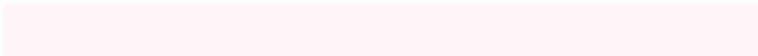


# Inverse Universe

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



241, 232, 237



255, 245, 250



233, 241, 232



120, 114, 117



184, 0, 102

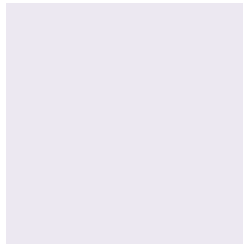


56, 0, 31



# Previews

## White Background



This preview shows how the RGB color 236, 232, 241 looks on a white background.

## Color Contrast Check

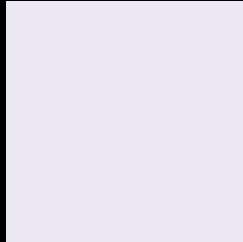
Large Text (above 18pt) WCAG AA × Fail

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, 232, 241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

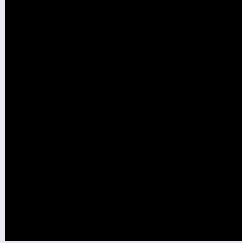
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

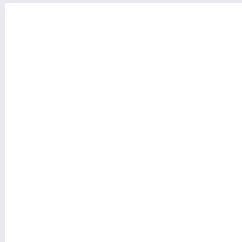
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 236, 232, 241 Background



This preview shows how black text looks on a background with the RGB color 236, 232, 241.

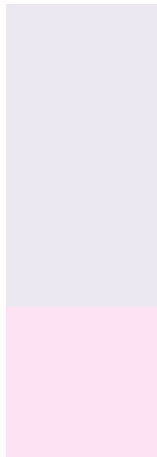


This preview shows how white text looks on a background with the RGB color 236, 232, 241.

# 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, 232, 241

**Protanopia**  
235, 232, 241

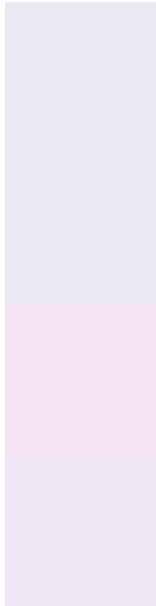
**Deuteranopia**  
252, 226, 242



# Tritanopia

237, 231, 249

# Trichromacy



## Original Color

236, 232, 241

## Protanomaly

235, 232, 241

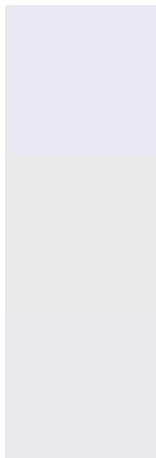
## Deuteranomaly

246, 228, 242

## Tritanomaly

237, 231, 246

# Monochromacy



## Original Color

236, 232, 241

## Achromatopsia

234, 234, 234

## Achromatomaly

235, 233, 237

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 236, 232, 241 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, 232, 241) looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 241)  
}
```

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, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 241) }
```

## Border

The CSS property to change the border of an element to RGB 236, 232, 241 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, 232, 241) }
```

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

```
.border{ border-color:rgb(236, 232, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 232, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 232,  
241) }
```

# Background

The CSS property to change the background color of an element to RGB 236, 232, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 232, 241) }
```

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

```
.background{ background-color: rgb(236,  
232, 241) }
```

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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