

Converting Colors

RGB(236, 232, 240)

Have a look what the booklet for
RGB(236, 232, 240) contains.

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Color

RGB(236, 232, 240)

Conversions

Conversions Part 1

Format	Color
Hex	ECE8F0
RGB	236, 232, 240
RGB Percent	93%, 91%, 94%
CMY	0.0745, 0.0902, 0.0588
CMYK	0.02, 0.03, 0.00, 0.06
HSL	270°, 21%, 93%
HSV	270°, 3%, 94%
XYZ	79.1769, 81.8374, 94.0612
YIQ	234.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

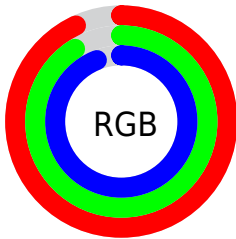
Format	Color
R _Y B	236, 232, 240
Decimal	15526128
CIE Lab	92.50, 2.78, -3.40
CIE LCh	93, 4.392, 309.184
Yxy	81.8374, 0.3104, 0.3208
Android (android.graphics.Color)	4293716208 (0xFFECE8F0)
YUV	234.1080, 2.9048, 1.6593
Hunter-Lab	90.4640, -2.0834, 1.6772

Details

The RGB color `236, 232, 240` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `236, 240, 232`, and the grayscale version is `234, 234, 234`.

A 20% lighter version of the original color is `255, 255, 255`, and `180, 176, 184` is the 20% darker color. If you saturate the color by 10%, you get `224, 208, 240`, and if you desaturate by 10%, it is `248, 255, 240`.

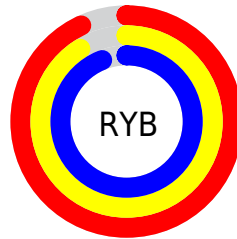
Distribution



Red (93%)

Green (91%)

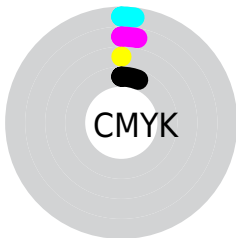
Blue (94%)



Red (93%)

Yellow (91%)

Blue (94%)

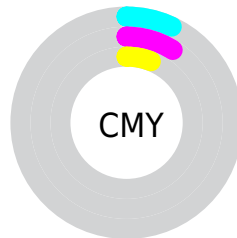


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 232, 240 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, 240 by changing the saturation by 10% instead.

■ 236, 232, 240

255, 255, 255

■ 236, 232, 240

■ 208, 204, 212

■ 180, 176, 184

■ 153, 150, 157

■ 128, 124, 131

■ 102, 99, 106

■ 78, 75, 82

■ 56, 53, 59

■ 34, 31, 37


■ 12, 7, 16

 236, 232, 240


 236, 232, 240

 224, 208, 240

 248, 255, 240

 212, 184, 240

 255, 255, 240

 200, 160, 240

 188, 136, 240

 176, 112, 240

 164, 88, 240

 152, 64, 240

 140, 40, 240

 128, 16, 240

Harmonies

Analogous

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



231, 233, 242



236, 232, 240



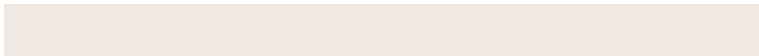
240, 231, 237

Triad

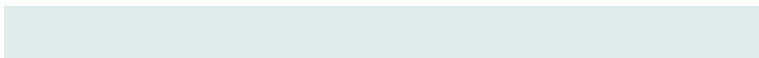
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 232, 240



240, 232, 226



224, 236, 235

Complementary

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



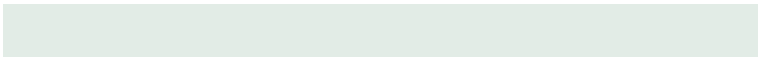
236, 232, 240



236, 240, 232

Split Complementary

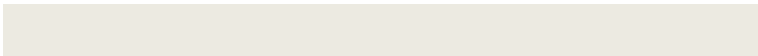
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 236, 230



236, 232, 240



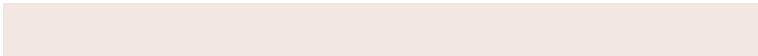
236, 234, 225

Square

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



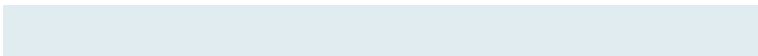
236, 232, 240



243, 231, 228



231, 235, 227



224, 236, 239

Rectangle

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



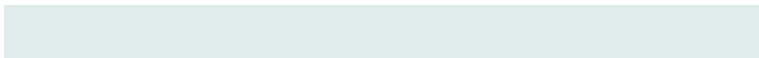
236, 232, 240



242, 231, 234



231, 235, 227



224, 236, 233

Sweetspot

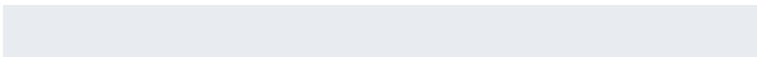
The Sweet Spot groups the original color and five complimentary colors.



236, 232, 240



254, 252, 255



232, 236, 240



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, 240



250, 245, 255



240, 232, 240



117, 114, 120



92, 0, 184



28, 0, 56

Inverse Universe

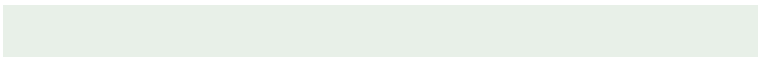
The Inverse Universe completely reimagines the original color for something new.



240, 232, 236



255, 245, 250



232, 240, 232



120, 114, 117



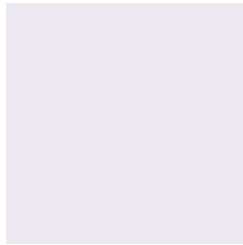
184, 0, 92



56, 0, 28

Previews

White Background



This preview shows how the RGB color 236, 232, 240 looks on a white background.

Color Contrast Check

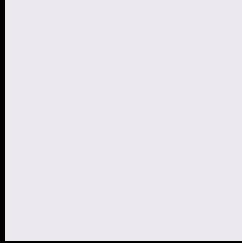
Large Text (above 18pt) WCAG AA × Fail

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, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

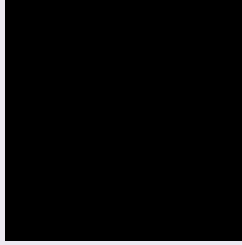
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

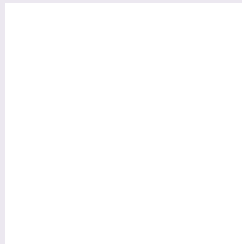
Any Text WCAG AAA ✓ Pass

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

RGB 236, 232, 240 Background



This preview shows how black text looks on a background with the RGB color 236, 232, 240.

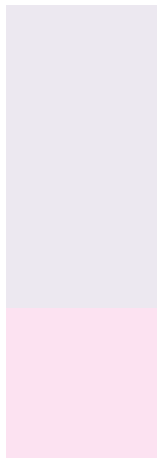


This preview shows how white text looks on a background with the RGB color 236, 232, 240.

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, 240

Protanopia
236, 232, 240

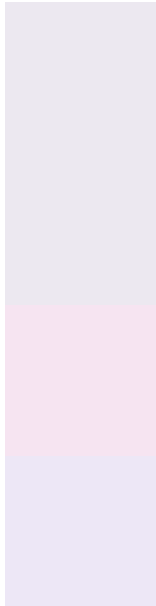
Deuteranopia
252, 226, 241



Tritanopia

237, 231, 249

Trichromacy



Original Color

236, 232, 240

Protanomaly

236, 232, 240

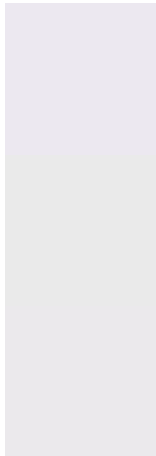
Deuteranomaly

246, 228, 241

Tritanomaly

237, 231, 246

Monochromacy



Original Color

236, 232, 240

Achromatopsia

234, 234, 234

Achromatomaly

235, 233, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 232, 240 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 240) }
```

Border

The CSS property to change the border of an element to RGB 236, 232, 240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

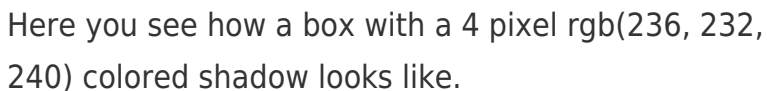
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 232, 240) }
```

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

```
.border{ border-color:rgb(236, 232, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 232, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 232, 240); box-shadow:4px 4px 4px 4px rgb(236, 232, 240) }
```

Background

The CSS property to change the background color of an element to RGB 236, 232, 240 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, 240) }
```

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

```
.background{ background-color: rgb(236,  
232, 240) }
```

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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