

Converting Colors

RGB(233, 234, 242)

Have a look what the booklet for
RGB(233, 234, 242) contains.

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Color

RGB(233, 234, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E9EAF2
RGB	233, 234, 242
RGB Percent	91%, 92%, 95%
CMY	0.0863, 0.0824, 0.0510
CMYK	0.04, 0.03, 0.00, 0.05
HSL	233°, 26%, 93%
HSV	233°, 4%, 95%
XYZ	79.0541, 82.5801, 95.7774
YIQ	234.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

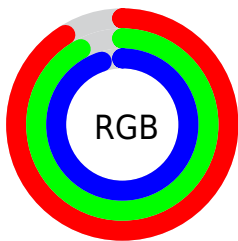
Format	Color
R _Y B	233, 234, 242
Decimal	15330034
CIE Lab	92.83, 1.12, -3.99
CIE LCh	93, 4.146, 285.690
Yxy	82.5801, 0.3071, 0.3208
Android (android.graphics.Color)	4293520114 (0xFFE9EAF2)
YUV	234.6130, 3.6418, -1.4146
Hunter-Lab	90.8736, -3.7454, 1.1221

Details

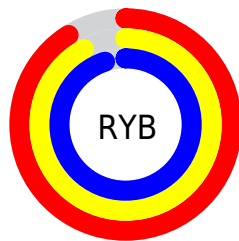
The RGB color **233, 234, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **242, 241, 233**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **177, 178, 186** is the 20% darker color. If you saturate the color by 10%, you get **209, 212, 242**, and if you desaturate by 10%, it is 255, 255, 242.

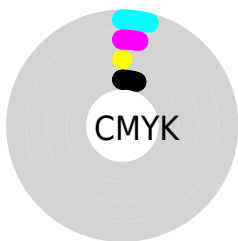
Distribution



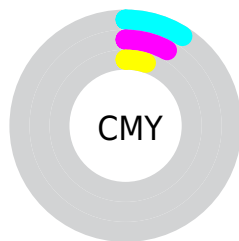
- Red (91%)
- Green (92%)
- Blue (95%)



- Red (91%)
- Yellow (92%)
- Blue (95%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 234, 242 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 233, 234, 242 by changing the saturation by 10% instead.

■ 233, 234, 242

255, 255, 255

■ 233, 234, 242

■ 205, 206, 214

■ 177, 178, 186

■ 151, 152, 159

■ 125, 126, 133

■ 100, 101, 108

■ 76, 77, 83

■ 53, 54, 60

■ 32, 33, 39


■ 9, 10, 18


 233, 234, 242

 233, 234, 242


 209, 212, 242


 255, 255, 242

 185, 191, 242

 160, 169, 242

 136, 148, 242

 112, 126, 242

 88, 105, 242

 64, 83, 242

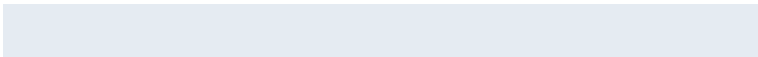
 39, 62, 242

 15, 40, 242

Harmonies

Analogous

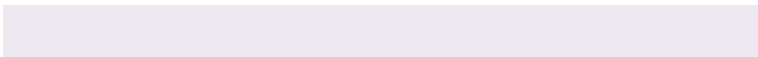
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 235, 242



233, 234, 242



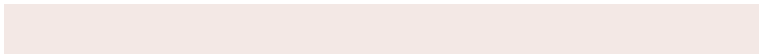
238, 233, 240

Triad

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



233, 234, 242



243, 232, 229



227, 237, 232

Complementary

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



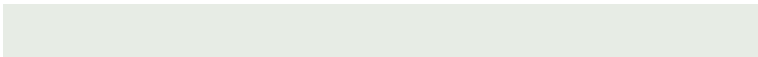
233, 234, 242



242, 241, 233

Split Complementary

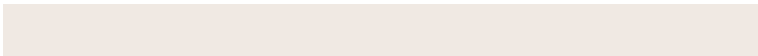
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 236, 229



233, 234, 242



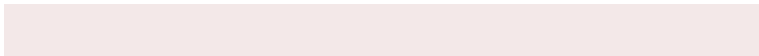
240, 233, 227

Square

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



233, 234, 242



243, 232, 232



236, 235, 227



225, 237, 236

Rectangle

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



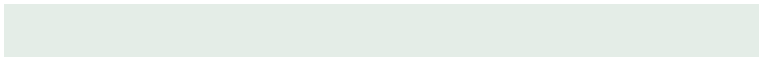
233, 234, 242



240, 232, 238



236, 235, 227



228, 237, 231

Sweetspot

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



233, 234, 242



252, 253, 255



233, 242, 241



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 234, 242



245, 246, 255



236, 233, 242



114, 115, 120



0, 20, 184



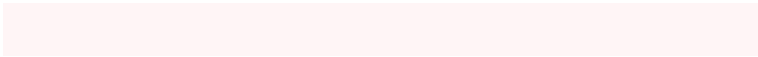
0, 6, 56

Inverse Universe

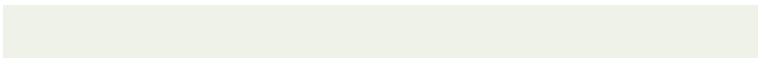
The Inverse Universe completely reimagines the original color for something new.



242, 233, 234



255, 245, 246



239, 242, 233



120, 114, 115



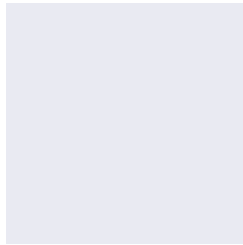
184, 0, 20



56, 0, 6

Previews

White Background



This preview shows how the RGB color 233, 234, 242 looks on a white background.

Color Contrast Check

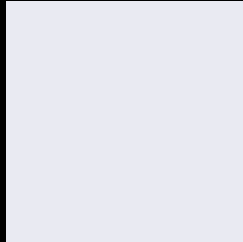
Large Text (above 18pt) WCAG AA × Fail

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 233, 234, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

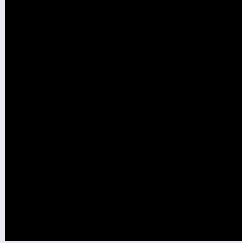
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

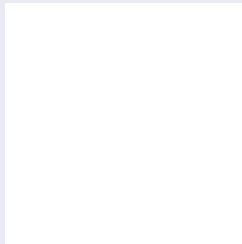
Any Text WCAG AAA ✓ Pass

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

RGB 233, 234, 242 Background



This preview shows how black text looks on a background with the RGB color 233, 234, 242.

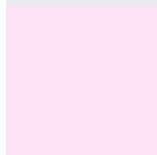


This preview shows how white text looks on a background with the RGB color 233, 234, 242.

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

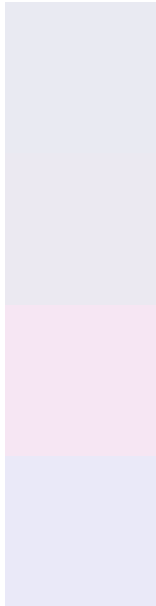
	Original Color 233, 234, 242
	Protanopia 236, 233, 241
	Deuteranopia 253, 227, 243



Tritanopia

234, 233, 251

Trichromacy



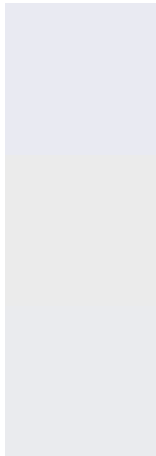
Original Color
233, 234, 242

Protanomaly
235, 233, 241

Deuteranomaly
246, 230, 243

Tritanomaly
234, 233, 248

Monochromacy



Original Color
233, 234, 242

Achromatopsia
235, 235, 235

Achromatomaly
234, 235, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 234, 242 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(233, 234, 242) looks like.

```
.text, #text, p{  
    color:rgb(233, 234, 242)  
}
```

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(233, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 234, 242) }
```

Border

The CSS property to change the border of an element to RGB 233, 234, 242 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(233, 234, 242) }
```

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

```
.border{ border-color:rgb(233, 234, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 234, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(233, 234,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 233, 234, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 234, 242) }
```

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

```
.background{ background-color: rgb(233,  
234, 242) }
```

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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