

Converting Colors

RGB(242, 236, 245)

Have a look what the booklet for
RGB(242, 236, 245) contains.

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Color

RGB(242, 236, 245)

Conversions

Conversions Part 1

Format	Color
Hex	F2ECF5
RGB	242, 236, 245
RGB Percent	95%, 93%, 96%
CMY	0.0510, 0.0745, 0.0392
CMYK	0.01, 0.04, 0.00, 0.04
HSL	280°, 31%, 94%
HSV	280°, 4%, 96%
XYZ	83.0948, 85.4607, 98.5022
YIQ	238.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

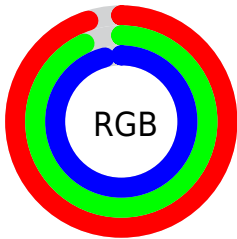
Format	Color
R _Y B	242, 236, 245
Decimal	15920373
CIE Lab	94.08, 3.61, -3.64
CIE LCh	94, 5.122, 314.782
Yxy	85.4607, 0.3111, 0.3200
Android (android.graphics.Color)	4294110453 (0xFFFF2ECF5)
YUV	238.8200, 3.0467, 2.7889
Hunter-Lab	92.4450, -1.3327, 1.5366

Details

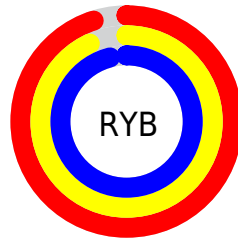
The RGB color **242, 236, 245** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **239, 245, 236**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 180, 189** is the 20% darker color. If you saturate the color by 10%, you get **234, 212, 245**, and if you desaturate by 10%, it is 250, 255, 245.

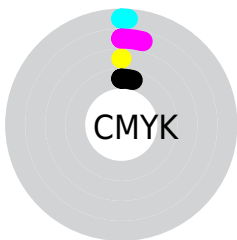
Distribution



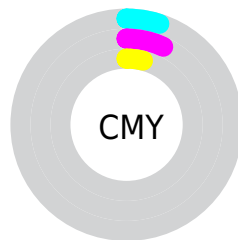
- Red (95%)
- Green (93%)
- Blue (96%)



- Red (95%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (5%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 236, 245 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 242, 236, 245 by changing the saturation by 10% instead.

 242, 236, 245

255, 255, 255

 242, 236, 245

 214, 208, 217

 186, 180, 189

 159, 153, 162


 133, 128, 136

 108, 102, 110

 83, 78, 86

 60, 56, 63

 39, 34, 41

 18, 12, 21

 242, 236, 245


 242, 236, 245


 234, 212, 245


 250, 255, 245

 226, 187, 245


 255, 255, 245

 217, 163, 245


 209, 138, 245

 201, 114, 245

 193, 89, 245

 185, 64, 245

 177, 40, 245

 168, 15, 245

Harmonies

Analogous

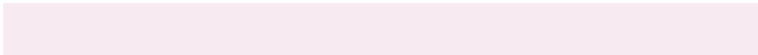
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 238, 247



242, 236, 245



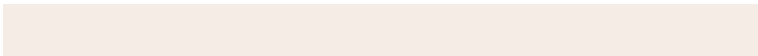
247, 235, 241

Triad

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



242, 236, 245



245, 237, 229



226, 241, 240

Complementary

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



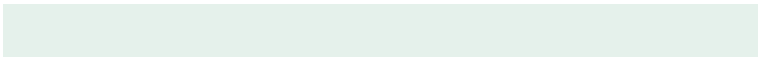
242, 236, 245



239, 245, 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.



229, 241, 235



242, 236, 245



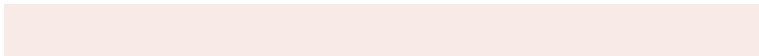
240, 238, 228

Square

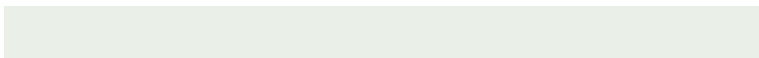
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 236, 245



248, 235, 231



234, 240, 231



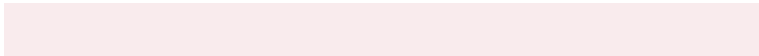
227, 240, 245

Rectangle

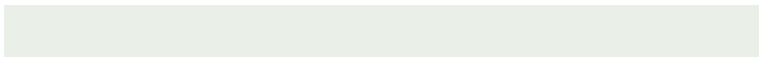
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



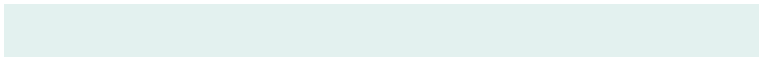
242, 236, 245



249, 235, 237



234, 240, 231



227, 241, 239

Sweetspot

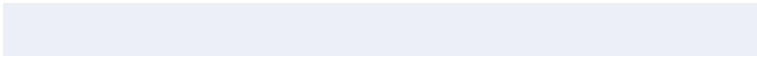
The Sweet Spot groups the original color and five complimentary colors.



242, 236, 245



254, 252, 255



236, 239, 245



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 236, 245



252, 245, 255



245, 236, 244



120, 116, 122



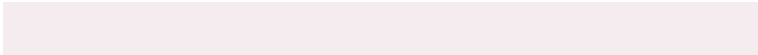
124, 0, 186



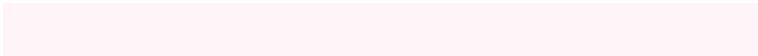
39, 0, 59

Inverse Universe

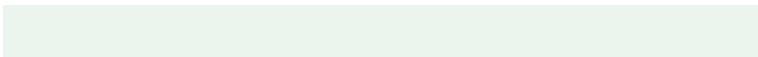
The Inverse Universe completely reimagines the original color for something new.



245, 236, 239



255, 245, 248



236, 245, 237



122, 116, 118



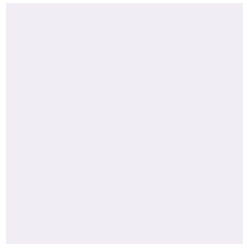
186, 0, 62



59, 0, 20

Previews

White Background



This preview shows how the RGB color 242, 236, 245 looks on a white background.

Color Contrast Check

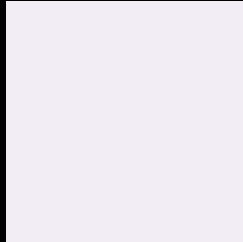
Large Text (above 18pt) WCAG AA × Fail

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 242, 236, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

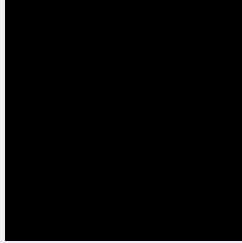
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

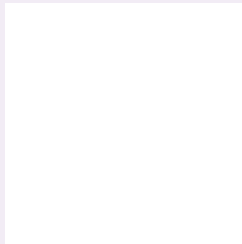
Any Text WCAG AAA ✓ Pass

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

RGB 242, 236, 245 Background



This preview shows how black text looks on a background with the RGB color 242, 236, 245.

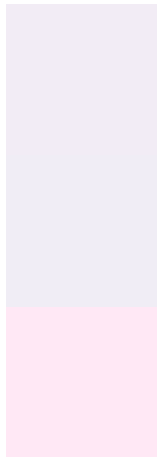


This preview shows how white text looks on a background with the RGB color 242, 236, 245.

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
242, 236, 245

Protanopia
240, 237, 245

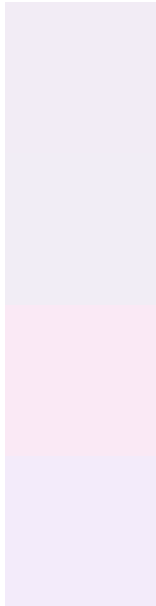
Deuteranopia
255, 232, 245



Tritanopia

243, 235, 253

Trichromacy



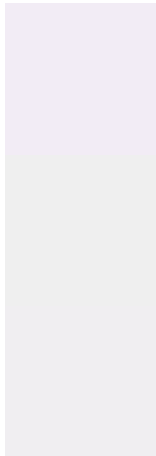
Original Color
242, 236, 245

Protanomaly
241, 237, 245

Deuteranomaly
250, 233, 245

Tritanomaly
243, 235, 250

Monochromacy



Original Color
242, 236, 245

Achromatopsia
239, 239, 239

Achromatomaly
240, 238, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 236, 245 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(242, 236, 245) looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 245)  
}
```

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(242, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 245) }
```

Border

The CSS property to change the border of an element to RGB 242, 236, 245 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(242, 236, 245) }
```

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

```
.border{ border-color:rgb(242, 236, 245) }
```

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

Here you see how a box with a 4 pixel rgb(242, 236, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 242, 236, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 245) }
```

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

```
.background{ background-color: rgb(242,  
236, 245) }
```

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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