

Converting Colors

RGB(242, 240, 244)

Have a look what the booklet for
RGB(242, 240, 244) contains.

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Color

RGB(242, 240, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F2F0F4
RGB	242, 240, 244
RGB Percent	95%, 94%, 96%
CMY	0.0510, 0.0588, 0.0431
CMYK	0.01, 0.02, 0.00, 0.04
HSL	270°, 15%, 95%
HSV	270°, 2%, 96%
XYZ	84.1072, 87.7291, 98.0884
YIQ	241.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

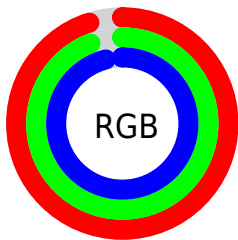
Format	Color
R_{YB}	242, 240, 244
Decimal	15921396
CIE Lab	95.05, 1.38, -1.70
CIE LCh	95, 2.189, 309.077
Yxy	87.7291, 0.3116, 0.3250
Android (android.graphics.Color)	4294111476 (0xFFFF2F0F4)
YUV	241.0540, 1.4524, 0.8296
Hunter-Lab	93.6638, -3.6242, 3.4738

Details

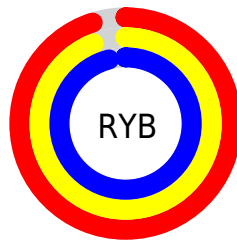
The RGB color **242, 240, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **242, 244, 240**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 184, 188** is the 20% darker color. If you saturate the color by 10%, you get **230, 216, 244**, and if you desaturate by 10%, it is 254, 255, 244.

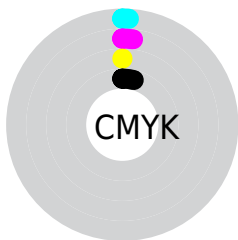
Distribution



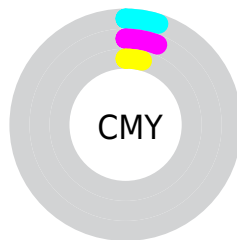
- Red (95%)
- Green (94%)
- Blue (96%)



- Red (95%)
- Yellow (94%)
- Blue (96%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 240, 244 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, 240, 244 by changing the saturation by 10% instead.

■ 242, 240, 244

255, 255, 255

■ 242, 240, 244

■ 214, 212, 216

■ 186, 184, 188

■ 159, 157, 161

■ 133, 131, 135

■ 108, 106, 109

■ 83, 82, 85

■ 60, 59, 62

■ 39, 37, 40

■ 18, 16, 20

 242, 240, 244

 242, 240, 244

 230, 216, 244


 254, 255, 244


 218, 191, 244

 255, 255, 244

 205, 167, 244

 193, 142, 244

 181, 118, 244

 169, 94, 244

 157, 69, 244

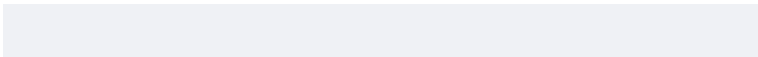
 144, 45, 244

 132, 20, 244

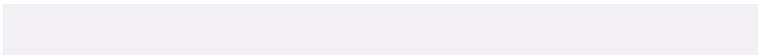
Harmonies

Analogous

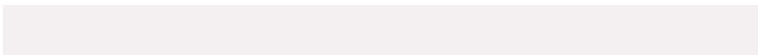
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 241, 245



242, 240, 244



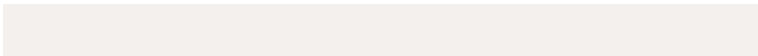
244, 240, 242

Triad

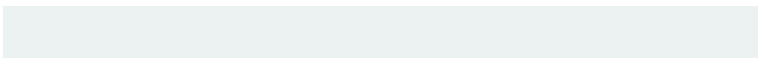
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 240, 244



244, 240, 237



236, 242, 241

Complementary

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



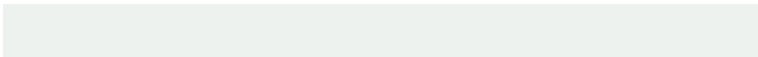
242, 240, 244



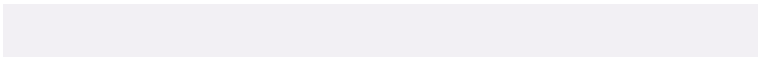
242, 244, 240

Split Complementary

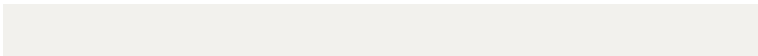
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 242, 239



242, 240, 244



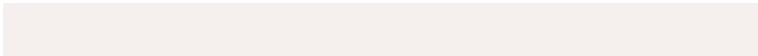
242, 241, 237

Square

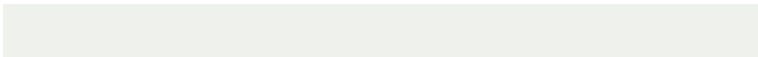
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 240, 244



245, 240, 238



239, 241, 237



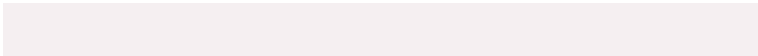
236, 242, 243

Rectangle

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



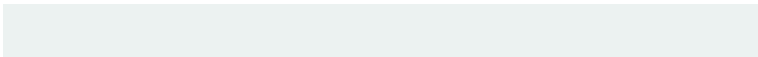
242, 240, 244



245, 239, 241



239, 241, 237



236, 242, 241

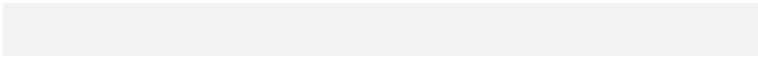
Sweetspot

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



242, 240, 244

255, 255, 255



240, 242, 244



128, 128, 128



0, 0, 0

Same Dimension

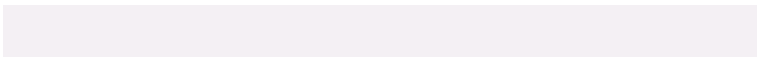
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 240, 244



252, 250, 255



244, 240, 244



121, 120, 122



93, 0, 186



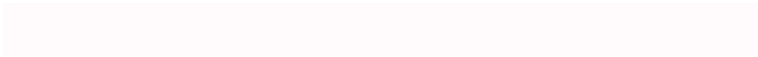
29, 0, 59

Inverse Universe

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



244, 240, 242



255, 250, 252



240, 244, 240



122, 120, 121



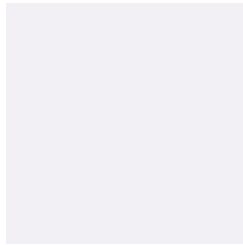
186, 0, 93



59, 0, 29

Previews

White Background



This preview shows how the RGB color 242, 240, 244 looks on a white background.

Color Contrast Check

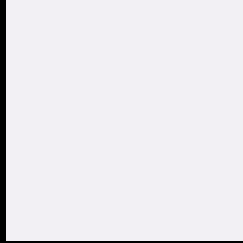
Large Text (above 18pt) WCAG AA × Fail

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, 240, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

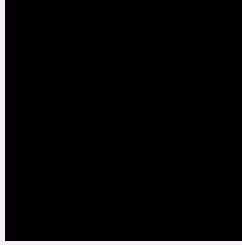
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

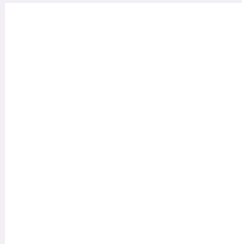
Any Text WCAG AAA ✓ Pass

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

RGB 242, 240, 244 Background



This preview shows how black text looks on a background with the RGB color 242, 240, 244.

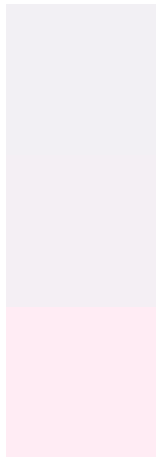


This preview shows how white text looks on a background with the RGB color 242, 240, 244.

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, 240, 244

Protanopia
244, 239, 244

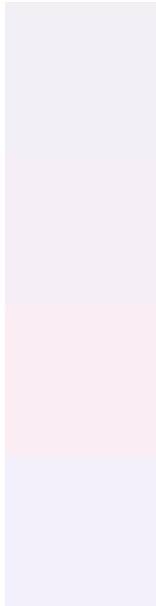
Deuteranopia
255, 236, 244



Tritanopia

244, 238, 255

Trichromacy



Original Color

242, 240, 244

Protanomaly

243, 239, 244

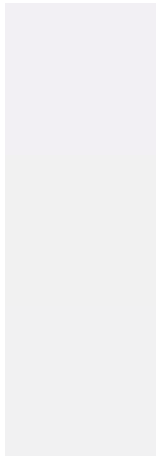
Deuteranomaly

250, 237, 244

Tritanomaly

243, 239, 251

Monochromacy



Original Color

242, 240, 244

Achromatopsia

241, 241, 241

Achromatomaly

241, 241, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 240, 244 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, 240, 244) looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 244)  
}
```

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, 240, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 244) }
```

Border

The CSS property to change the border of an element to RGB 242, 240, 244 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, 240, 244) }
```

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

```
.border{ border-color:rgb(242, 240, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 240, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 244);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 242, 240, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 244) }
```

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

```
.background{ background-color: rgb(242,  
240, 244) }
```

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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