

Converting Colors

RGB(242, 244, 242)

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

RGB(242, 244, 242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RGB(242, 244, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F2F4F2
RGB	242, 244, 242
RGB Percent	95%, 96%, 95%
CMY	0.0510, 0.0431, 0.0510
CMYK	0.01, 0.00, 0.01, 0.04
HSL	120°, 8%, 95%
HSV	120°, 1%, 96%
XYZ	84.9956, 89.9894, 96.8943
YIQ	243.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

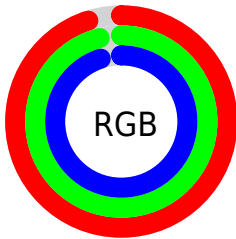
Format	Color
R _Y B	242, 244, 244
Decimal	15922418
CIE Lab	95.99, -1.01, 0.72
CIE LCh	96, 1.240, 144.638
Yxy	89.9894, 0.3126, 0.3310
Android (android.graphics.Color)	4294112498 (0xFFFF2F4F2)
YUV	243.1740, -0.5788, -1.0296
Hunter-Lab	94.8628, -6.0764, 5.8442

Details

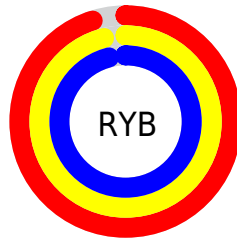
The RGB color **242, 244, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **244, 242, 244**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 188, 186** is the 20% darker color. If you saturate the color by 10%, you get **218, 244, 218**, and if you desaturate by 10%, it is 255, 244, 255.

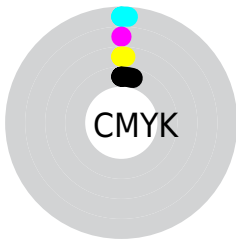
Distribution



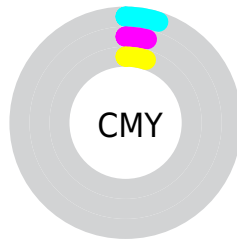
- Red (95%)
- Green (96%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

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

 242, 244, 242

255, 255, 255

 242, 244, 242

 214, 216, 214

 186, 188, 186

 159, 161, 159


 133, 135, 133

 108, 109, 108

 83, 85, 83

 60, 62, 60

 39, 40, 39

 18, 20, 18

 242, 244, 242

 242, 244, 242

 218, 244, 218

 255, 244, 255

 193, 244, 193

 169, 244, 169

 144, 244, 144

 120, 244, 120

 96, 244, 96

 71, 244, 71

 47, 244, 47

 22, 244, 22

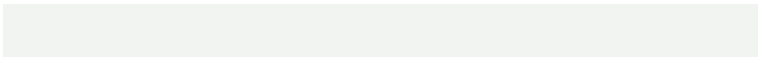
Harmonies

Analogous

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



243, 244, 241



242, 244, 242



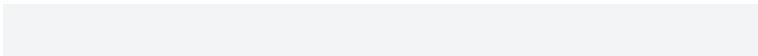
241, 244, 243

Triad

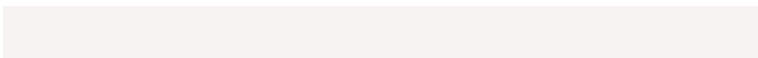
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 244, 242



242, 244, 246



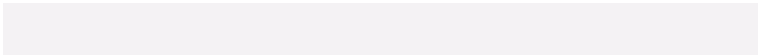
246, 243, 242

Complementary

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



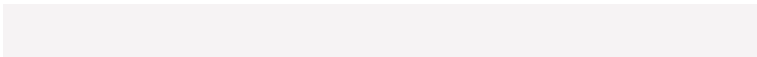
242, 244, 242



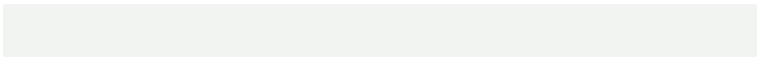
244, 242, 244

Split Complementary

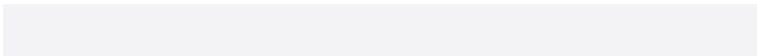
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 243, 244



242, 244, 242



243, 243, 246

Square

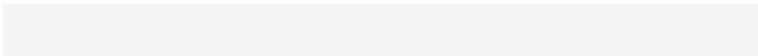
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



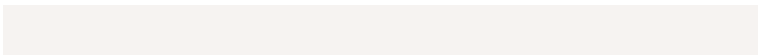
242, 244, 242



241, 244, 245



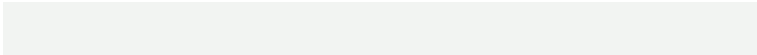
245, 243, 245



246, 243, 241

Rectangle

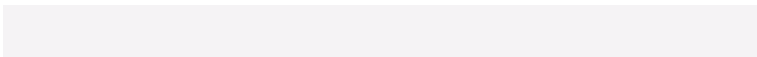
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



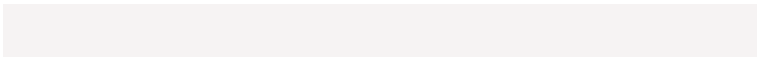
242, 244, 242



241, 244, 244



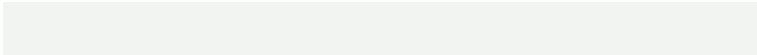
245, 243, 245



246, 243, 243

Sweetspot

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



242, 244, 242

255, 255, 255



244, 244, 242



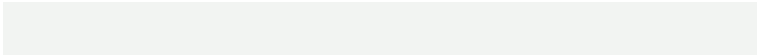
128, 128, 128



0, 0, 0

Same Dimension

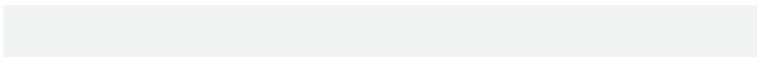
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 244, 242



252, 255, 252



242, 244, 243



121, 122, 121



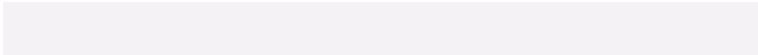
0, 186, 0



0, 59, 0

Inverse Universe

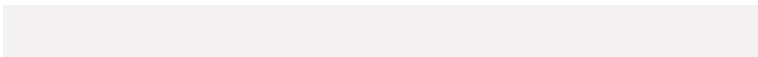
The Inverse Universe completely reimagines the original color for something new.



244, 242, 244



255, 252, 255



244, 242, 243



122, 121, 122



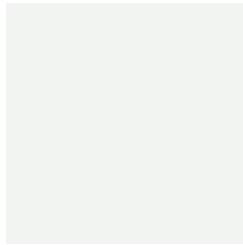
186, 0, 186



59, 0, 59

Previews

White Background



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

Color Contrast Check

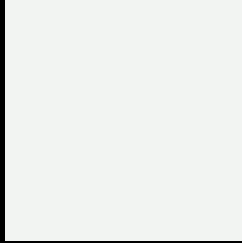
Large Text (above 18pt) WCAG AA × Fail

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 242, 244, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

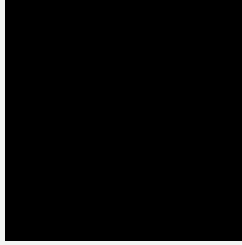
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

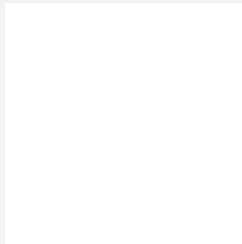
Any Text WCAG AAA ✓ Pass

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

RGB 242, 244, 242 Background



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

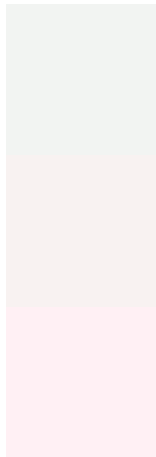


This preview shows how white text looks on a background with the RGB color 242, 244, 242.

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

242, 244, 242

Protanopia

248, 242, 241

Deuteranopia

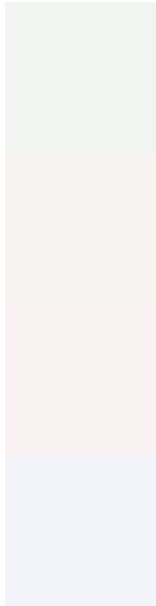
255, 240, 244



Tritanopia

244, 242, 255

Trichromacy



Original Color

242, 244, 242

Protanomaly

246, 243, 241

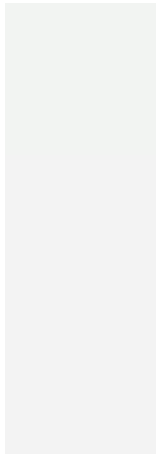
Deuteranomaly

250, 241, 243

Tritanomaly

243, 243, 250

Monochromacy



Original Color

242, 244, 242

Achromatopsia

243, 243, 243

Achromatomaly

243, 243, 243

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(242, 244, 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(242, 244, 242) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

```
.background{ background-color: rgb(242,  
244, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor