

Converting Colors

RGB(242, 241, 238)

Have a look what the booklet for
RGB(242, 241, 238) contains.

RGB(242, 241, 238)	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, 241, 238)

Conversions

Conversions Part 1	
Format	Color
Hex	F2F1EE
RGB	242, 241, 238
RGB Percent	95%, 95%, 93%
CMY	0.0510, 0.0549, 0.0667
CMYK	0.00, 0.00, 0.02, 0.05
HSL	45°, 13%, 94%
HSV	45°, 2%, 95%
XYZ	83.5059, 87.9609, 93.4658
YIQ	240.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

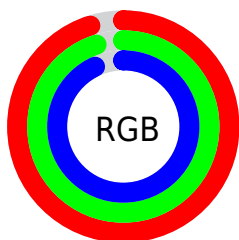
Format	Color
RYB	239, 242, 238
Decimal	15921646
CIELab	95.14, -0.19, 1.55
CIELCh	95, 1.564, 96.901
Yxy	87.9609, 0.3152, 0.3320
Android (android.graphics.Color)	4294111726 (0xFF2F1EE)
YUV	240.9570, -1.4578, 0.9147
Hunter-Lab	93.7875, -5.1964, 6.5645

Details

The RGB color 242, 241, 238 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 238, 239, 242, and the grayscale version is 241, 241, 241.

A 20% lighter version of the original color is 255, 255, 255, and 186, 185, 182 is the 20% darker color. If you saturate the color by 10%, you get 242, 235, 214, and if you desaturate by 10%, it is 242, 247, 255.

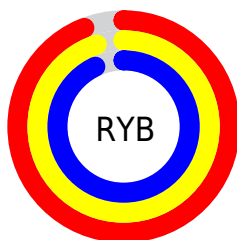
Distribution



Red (95%)

Green (95%)

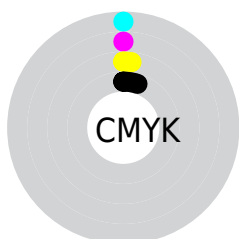
Blue (93%)



Red (94%)

Yellow (95%)

Blue (93%)

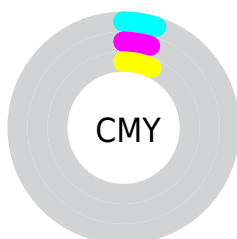


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 241, 238 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, 241, 238 by changing the saturation by 10% instead.

 242, 241, 238

255, 255, 255

 242, 241, 238


 214, 213, 210

 186, 185, 182

 159, 158, 155


 133, 132, 129

 108, 107, 104

 83, 83, 80

 60, 60, 57

 39, 38, 36

 18, 17, 14

 242, 241, 238

 242, 241, 238

 242, 235, 214

 242, 247, 255

 242, 229, 190


 242, 253, 255

 242, 223, 165

 242, 255, 255

 242, 217, 141

 242, 211, 117

 242, 205, 93

 242, 199, 69

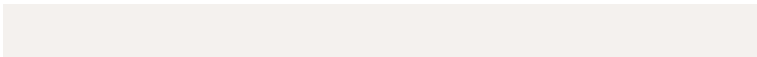
 242, 193, 44

 242, 187, 20

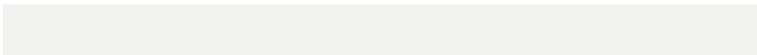
Harmonies

Analogous

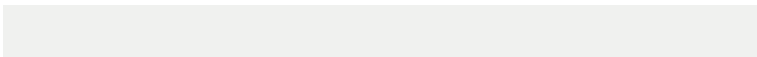
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 241, 238



242, 241, 238



240, 241, 239

Triad

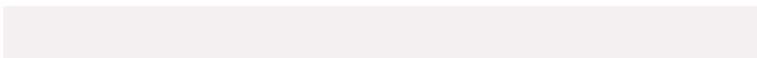
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 241, 238



238, 242, 243



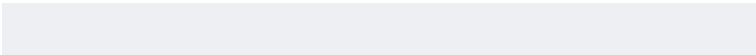
243, 240, 242

Complementary

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



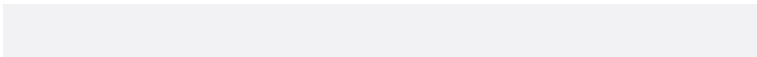
242, 241, 238



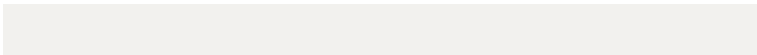
238, 239, 242

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.



242, 241, 243



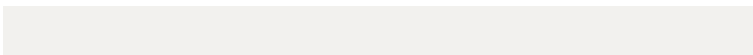
242, 241, 238



238, 241, 244

Square

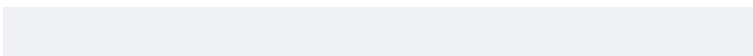
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



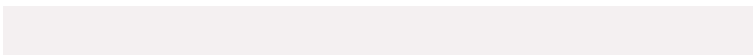
242, 241, 238



238, 242, 241



240, 241, 244



244, 240, 241

Rectangle

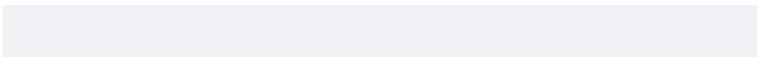
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



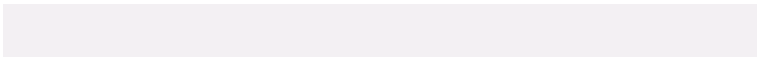
242, 241, 238



239, 242, 239



240, 241, 244



243, 240, 243

Sweetspot

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



242, 241, 238

255, 255, 255



242, 238, 239



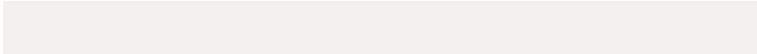
128, 128, 128



0, 0, 0

Same Dimension

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



242, 241, 238



255, 254, 250



241, 242, 238



120, 119, 117



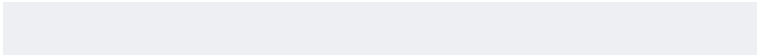
184, 138, 0



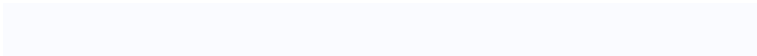
56, 42, 0

Inverse Universe

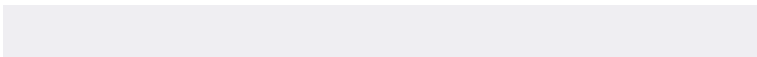
The Inverse Universe completely reimagines the original color for something new.



238, 239, 242



250, 251, 255



239, 238, 242



117, 118, 120



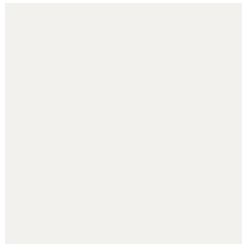
0, 46, 184



0, 14, 56

Previews

White Background



This preview shows how the RGB color 242, 241, 238 looks on a white background.

Color Contrast Check

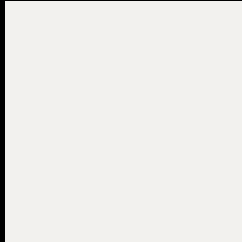
Large Text (above 18pt) WCAG AA × Fail

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, 241, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

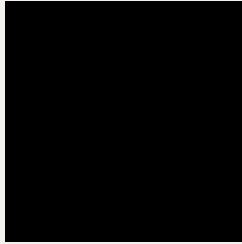
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

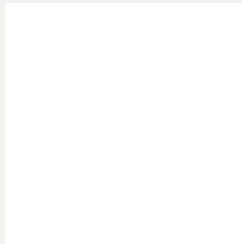
Any Text WCAG AAA ✓ Pass

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

RGB 242, 241, 238 Background



This preview shows how black text looks on a background with the RGB color 242, 241, 238.

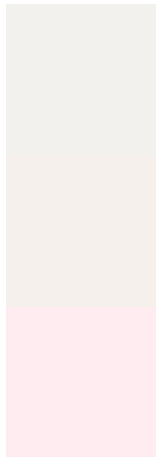


This preview shows how white text looks on a background with the RGB color 242, 241, 238.

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, 241, 238

Protanopia

246, 240, 237

Deuteranopia

255, 236, 240



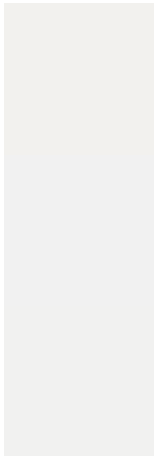
Tritanopia

244, 238, 255

Trichromacy

	Original Color 242, 241, 238
	Protanomaly 245, 240, 237
	Deuteranomaly 250, 238, 239
	Tritanomaly 243, 239, 249

Monochromacy

	Original Color 242, 241, 238
	Achromatopsia 241, 241, 241
	Achromatomaly 241, 241, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 241, 238 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, 241, 238) looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 238)  
}
```

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, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 238) }
```

Border

The CSS property to change the border of an element to RGB 242, 241, 238 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, 241, 238) }
```

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

```
.border{ border-color:rgb(242, 241, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 242, 241, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 238) }
```

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

```
.background{ background-color: rgb(242,  
241, 238) }
```

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