

# Converting Colors

RGB(242, 238, 240)

Have a look what the booklet for  
RGB(242, 238, 240) contains.

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# **Color**

**RGB(242, 238, 240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F2EEF0
RGB	242, 238, 240
RGB Percent	95%, 93%, 94%
CMY	0.0510, 0.0667, 0.0588
CMYK	0.00, 0.02, 0.01, 0.05
HSL	330°, 13%, 94%
HSV	330°, 2%, 95%
XYZ	82.9207, 86.3176, 94.7286
YIQ	239.4240, 1.7420, 1.4700

# Conversions

## Conversions Part 2

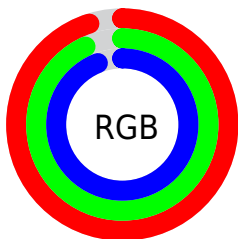
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 238, 240
Decimal	15920880
CIE Lab	94.45, 1.69, -0.50
CIE LCh	94, 1.765, 343.521
Yxy	86.3176, 0.3141, 0.3270
Android (android.graphics.Color)	4294110960 (0xFF2EEF0)
YUV	239.4240, 0.2840, 2.2592
Hunter-Lab	92.9073, -3.2747, 4.5827

# Details

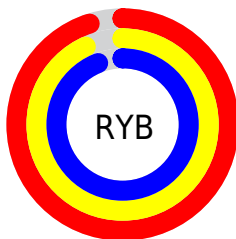
The RGB color **242, 238, 240** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **238, 242, 240**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 182, 184** is the 20% darker color. If you saturate the color by 10%, you get **242, 214, 228**, and if you desaturate by 10%, it is 242, 255, 252.

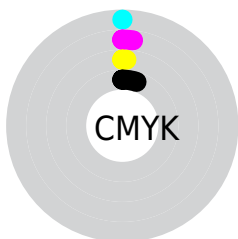
# Distribution



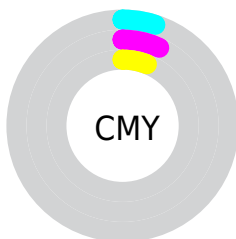
- Red (95%)
- Green (93%)
- Blue (94%)



- Red (95%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 242, 238, 240 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, 238, 240 by changing the saturation by 10% instead.



■ 242, 238, 240

255, 255, 255

■ 242, 238, 240

■ 214, 210, 212

■ 186, 182, 184

■ 159, 155, 157

■ 133, 129, 131

■ 108, 104, 106

■ 83, 80, 82

■ 60, 57, 59

■ 39, 36, 37


■ 18, 14, 16

 242, 238, 240


 242, 238, 240


 242, 214, 228


 242, 255, 252

 242, 190, 216


 242, 255, 255

 242, 165, 204


 242, 141, 192

 242, 117, 179

 242, 93, 167

 242, 69, 155

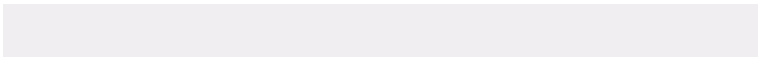
 242, 44, 143

 242, 20, 131

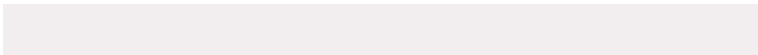
# Harmonies

## Analogous

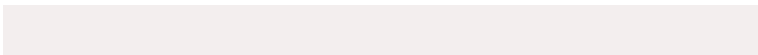
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 238, 241



242, 238, 240



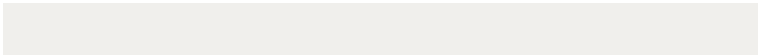
243, 238, 238

# Triad

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



242, 238, 240



240, 239, 236



235, 240, 241

# Complementary

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



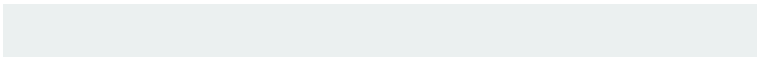
242, 238, 240



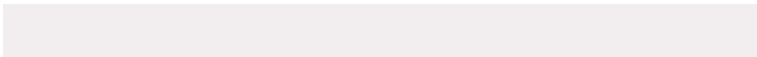
238, 242, 240

# Split Complementary

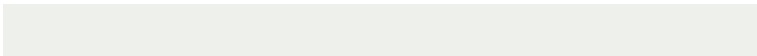
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 240, 240



242, 238, 240



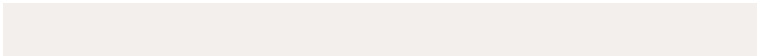
238, 240, 236

# Square

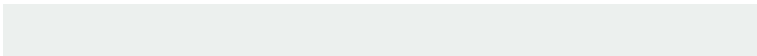
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 238, 240



242, 239, 236



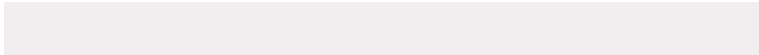
236, 240, 238



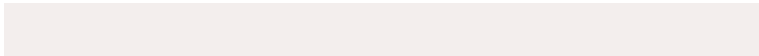
236, 239, 242

# Rectangle

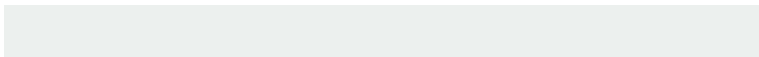
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



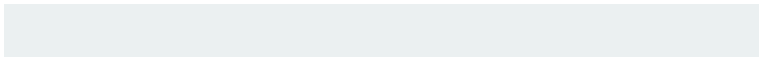
242, 238, 240



243, 238, 237



236, 240, 238

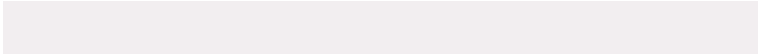


235, 240, 241



# Sweetspot

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



242, 238, 240

255, 255, 255



240, 238, 242



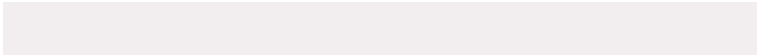
128, 128, 128



0, 0, 0

# Same Dimension

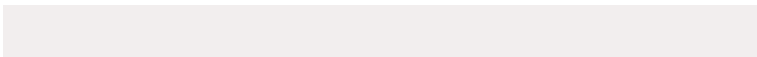
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 238, 240



255, 250, 252



242, 238, 238



120, 117, 119



184, 0, 92

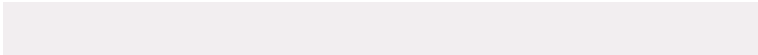


56, 0, 28



# Inverse Universe

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



242, 238, 240



255, 250, 252



238, 242, 242



120, 117, 119



184, 0, 92

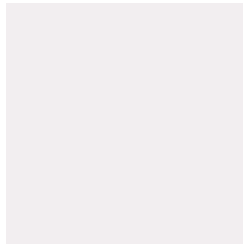


56, 0, 28



# Previews

## White Background



This preview shows how the RGB color 242, 238, 240 looks on a white background.

## Color Contrast Check

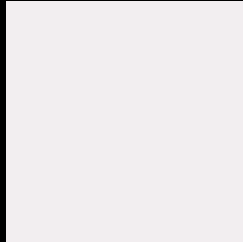
Large Text (above 18pt) WCAG AA × Fail

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, 238, 240 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

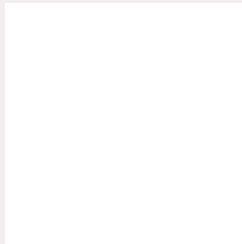
Any Text WCAG AAA ✓ Pass

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

## RGB 242, 238, 240 Background



This preview shows how black text looks on a background with the RGB color 242, 238, 240.



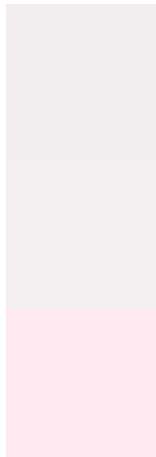
This preview shows how white text looks on a background with the RGB color 242, 238, 240.



# 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, 238, 240

**Protanopia**  
243, 238, 240

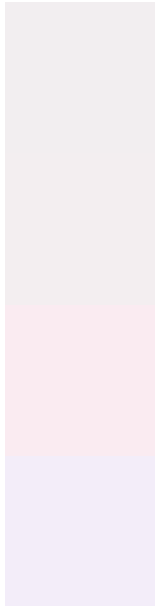
**Deuteranopia**  
255, 234, 241



# Tritanopia

244, 236, 254

# Trichromacy



## Original Color

242, 238, 240

## Protanomaly

243, 238, 240

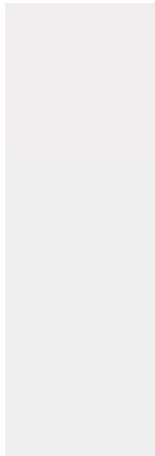
## Deuteranomaly

250, 235, 241

## Tritanomaly

243, 237, 249

# Monochromacy



## Original Color

242, 238, 240

## Achromatopsia

239, 239, 239

## Achromatomaly

240, 239, 239

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 242, 238, 240 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, 238, 240) looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 240)  
}
```

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, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 240) }
```

## Border

The CSS property to change the border of an element to RGB 242, 238, 240 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, 238, 240) }
```

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

```
.border{ border-color:rgb(242, 238, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 238, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 238, 240); box-shadow:4px 4px 4px 4px rgb(242, 238, 240) }
```

# Background

The CSS property to change the background color of an element to RGB 242, 238, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 240) }
```

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

```
.background{ background-color: rgb(242,  
238, 240) }
```

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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