

# Converting Colors

RGB(245, 242, 243)

Have a look what the booklet for  
RGB(245, 242, 243) contains.

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# **Color**

**RGB(245, 242, 243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F2F3
RGB	245, 242, 243
RGB Percent	96%, 95%, 95%
CMY	0.0392, 0.0510, 0.0471
CMYK	0.00, 0.01, 0.01, 0.04
HSL	340°, 13%, 95%
HSV	340°, 1%, 96%
XYZ	85.5860, 89.3878, 97.5367
YIQ	243.0110, 1.4670, 0.9470

# Conversions

## Conversions Part 2

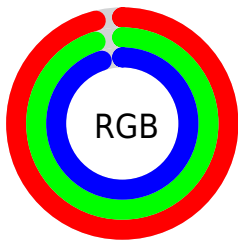
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 242, 243
Decimal	16118515
CIE Lab	95.74, 1.18, -0.14
CIE LCh	96, 1.187, 353.347
Yxy	89.3878, 0.3141, 0.3280
Android (android.graphics.Color)	4294308595 (0xFF5F2F3)
YUV	243.0110, -0.0054, 1.7444
Hunter-Lab	94.5451, -3.8687, 5.0155

# Details

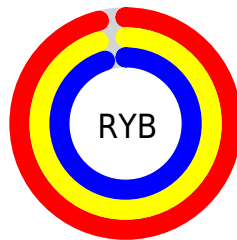
The RGB color `245, 242, 243` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242, 245, 244`, and the grayscale version is `243, 243, 243`.

A 20% lighter version of the original color is `255, 255, 255`, and `189, 186, 187` is the 20% darker color. If you saturate the color by 10%, you get `245, 218, 227`, and if you desaturate by 10%, it is `245, 255, 255`.

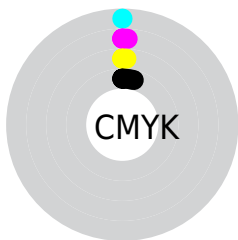
# Distribution



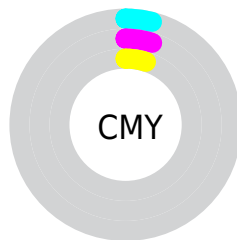
- Red (96%)
- Green (95%)
- Blue (95%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 245, 242, 243 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 245, 242, 243 by changing the saturation by 10% instead.



■ 245, 242, 243

255, 255, 255

■ 245, 242, 243

■ 217, 214, 215

■ 189, 186, 187

■ 162, 159, 160

■ 136, 133, 134

■ 110, 108, 109

■ 86, 83, 84

■ 63, 60, 61

■ 41, 39, 39

■ 20, 18, 19


 245, 242, 243

 245, 242, 243


 245, 218, 227

 245, 255, 255


 245, 193, 210

 245, 169, 194

 245, 144, 178

 245, 120, 161

 245, 95, 145

 245, 70, 129

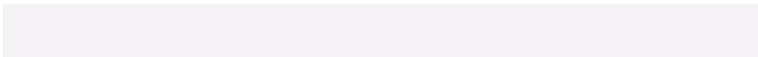
 245, 46, 112

 245, 21, 96

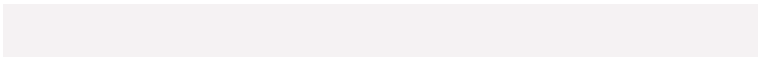
# Harmonies

## Analogous

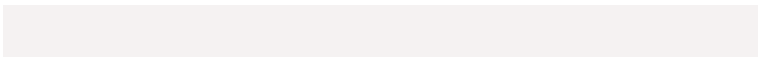
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 242, 244



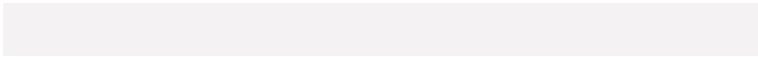
245, 242, 243



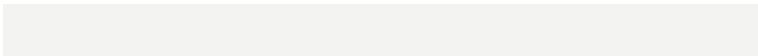
245, 242, 242

# Triad

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



245, 242, 243



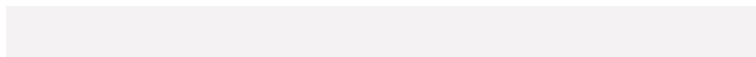
243, 243, 241



240, 243, 244

# Complementary

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



245, 242, 243



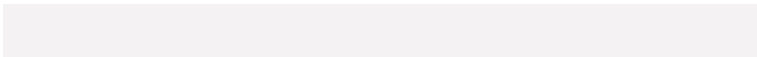
242, 245, 244

# Split Complementary

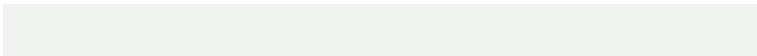
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 243, 244



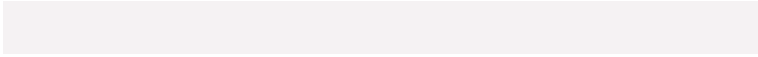
245, 242, 243



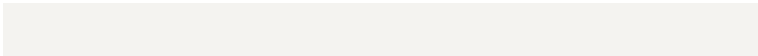
241, 243, 241

# Square

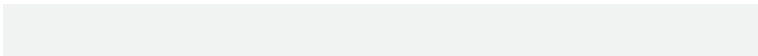
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



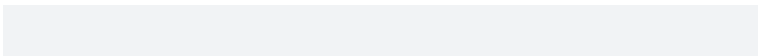
245, 242, 243



244, 243, 240



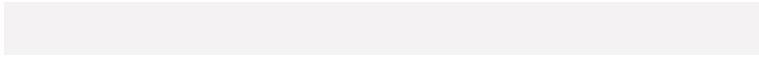
240, 243, 242



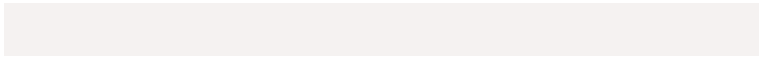
241, 243, 245

# Rectangle

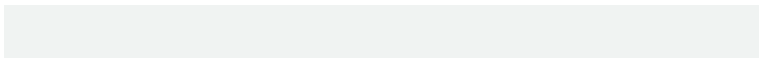
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



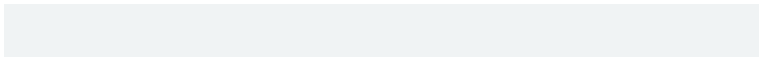
245, 242, 243



245, 242, 241



240, 243, 242

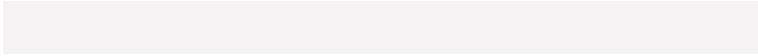


240, 243, 244



# Sweetspot

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



245, 242, 243

255, 255, 255



244, 242, 245



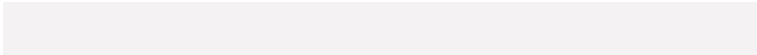
128, 128, 128



0, 0, 0

# Same Dimension

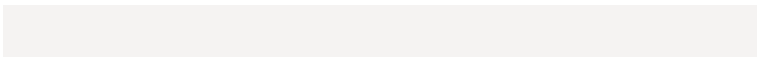
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 242, 243



255, 252, 253



245, 243, 242



122, 121, 122



186, 0, 62

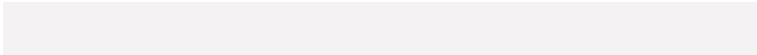


59, 0, 20



# Inverse Universe

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



245, 242, 243



255, 252, 253



242, 245, 245



122, 121, 122



186, 0, 62

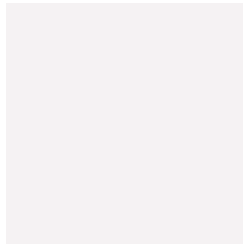


59, 0, 20



# Previews

## White Background



This preview shows how the RGB color 245, 242, 243 looks on a white background.

## Color Contrast Check

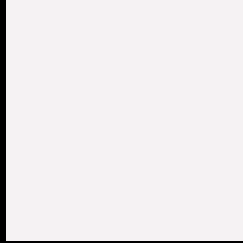
Large Text (above 18pt) WCAG AA × Fail

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 245, 242, 243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

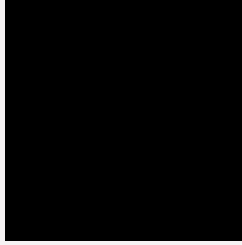
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

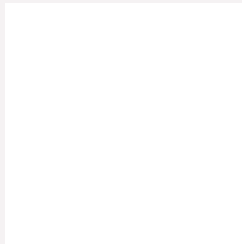
Any Text WCAG AAA ✓ Pass

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

## RGB 245, 242, 243 Background



This preview shows how black text looks on a background with the RGB color 245, 242, 243.



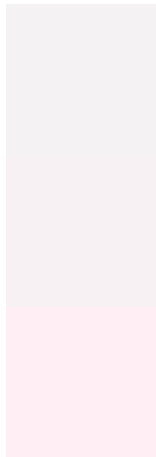
This preview shows how white text looks on a background with the RGB color 245, 242, 243.



# 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](#).

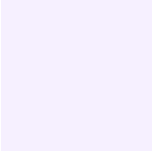
## Dichromacy



**Original Color**  
245, 242, 243

**Protanopia**  
247, 241, 243

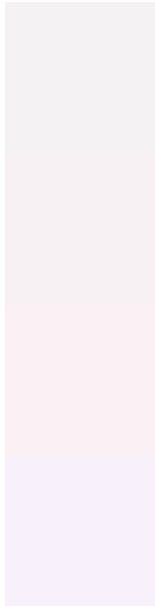
**Deuteranopia**  
255, 239, 244



# Tritanopia

246, 240, 255

# Trichromacy



## Original Color

245, 242, 243

## Protanomaly

246, 241, 243

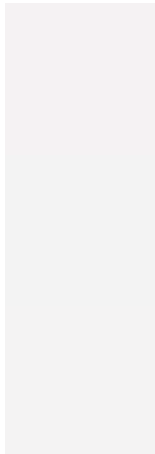
## Deuteranomaly

251, 240, 244

## Tritanomaly

246, 241, 251

# Monochromacy



## Original Color

245, 242, 243

## Achromatopsia

243, 243, 243

## Achromatomaly

244, 243, 243

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 245, 242, 243 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(245, 242, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 243)  
}
```

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(245, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 243) }
```

## Border

The CSS property to change the border of an element to RGB 245, 242, 243 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(245, 242, 243) }
```

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

```
.border{ border-color:rgb(245, 242, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
243) }
```

# Background

The CSS property to change the background color of an element to RGB 245, 242, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 243) }
```

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

```
.background{ background-color: rgb(245,  
242, 243) }
```

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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