

# Converting Colors

RGB(242, 243, 243)

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

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# **Color**

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

# Conversions

## Conversions Part 1

Format	Color
Hex	F2F3F3
RGB	242, 243, 243
RGB Percent	95%, 95%, 95%
CMY	0.0510, 0.0471, 0.0471
CMYK	0.00, 0.00, 0.00, 0.05
HSL	180°, 4%, 95%
HSV	180°, 0%, 95%
XYZ	84.8462, 89.4495, 97.5876
YIQ	242.7010, -0.5960, -0.2120

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	242, 243, 243
Decimal	15922163
CIE Lab	95.77, -0.33, -0.13
CIE LCh	96, 0.350, 201.206
Yxy	89.4495, 0.3121, 0.3290
Android (android.graphics.Color)	4294112243 (0xFF2F3F3)
YUV	242.7010, 0.1474, -0.6148
Hunter-Lab	94.5777, -5.3777, 5.0276

# Details

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

A 20% lighter version of the original color is `255, 255, 255`, and `186, 187, 187` is the 20% darker color. If you saturate the color by 10%, you get `218, 243, 243`, and if you desaturate by 10%, it is `255, 243, 243`.

# Distribution



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



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



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



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

# Brightness & Saturation Gradients

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



■ 242, 243, 243

255, 255, 255

■ 242, 243, 243

■ 214, 215, 215

■ 186, 187, 187

■ 159, 160, 160

■ 133, 134, 134

■ 108, 109, 109

■ 83, 84, 84

■ 60, 61, 61

■ 39, 39, 39

■ 18, 19, 19

 242, 243, 243

 242, 243, 243

 218, 243, 243

 255, 243, 243

 193, 243, 243

 169, 243, 243

 145, 243, 243

 120, 243, 243

 96, 243, 243

 72, 243, 243

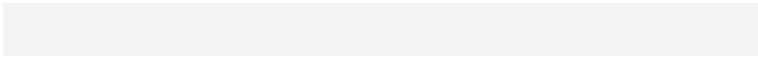
 48, 243, 243

 23, 243, 243

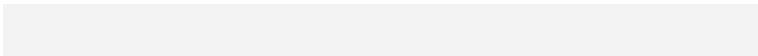
# Harmonies

# Triad

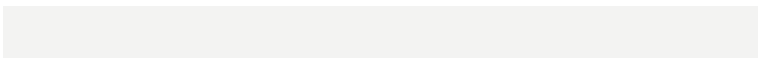
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 243, 243



243, 243, 243



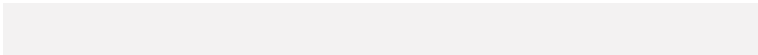
243, 243, 242

# Complementary

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



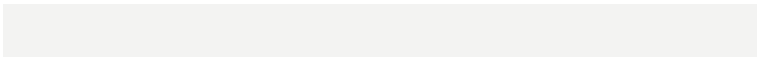
242, 243, 243



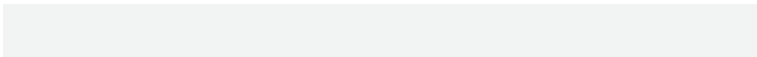
243, 242, 242

# Split Complementary

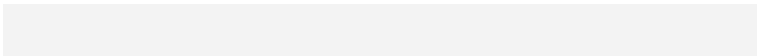
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 243, 242



242, 243, 243



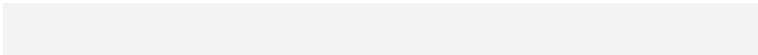
243, 243, 243

# Square

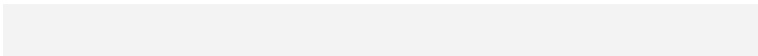
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



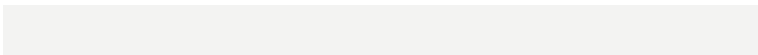
242, 243, 243



243, 243, 243



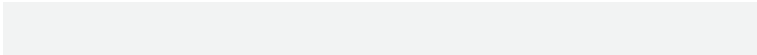
244, 243, 243



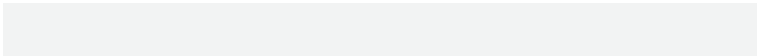
243, 243, 242

# Rectangle

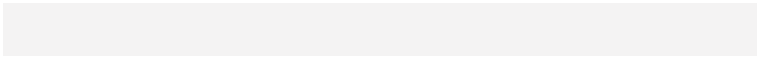
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



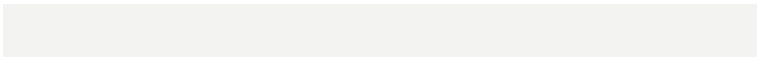
242, 243, 243



242, 243, 243



244, 243, 243

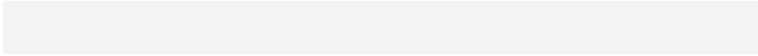


243, 243, 242



# Sweetspot

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



242, 243, 243

255, 255, 255



242, 243, 242



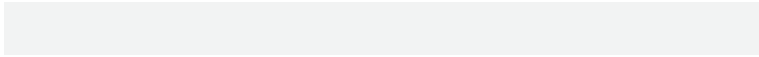
128, 128, 128



0, 0, 0

# Same Dimension

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



242, 243, 243

255, 255, 255



242, 242, 243



122, 122, 122



0, 186, 186

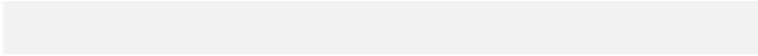


0, 59, 59



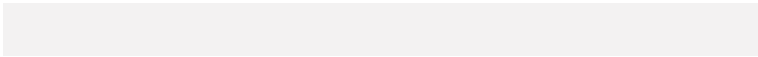
# Inverse Universe

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



243, 242, 243

255, 255, 255



243, 242, 242



122, 122, 122



186, 0, 186

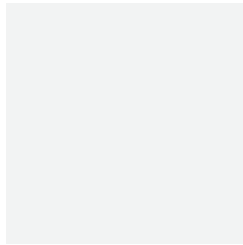


59, 0, 59



# Previews

## White Background



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

## Color Contrast Check

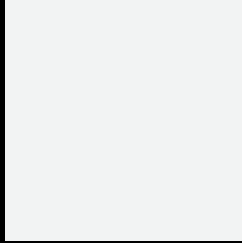
Large Text (above 18pt) WCAG AA × Fail

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 242, 243, 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

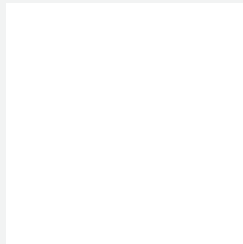
Any Text WCAG AAA ✓ Pass

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

## RGB 242, 243, 243 Background



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



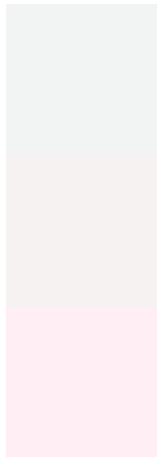
This preview shows how white text looks on a background with the RGB color 242, 243, 243.



# 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**  
242, 243, 243

**Protanopia**  
247, 242, 242

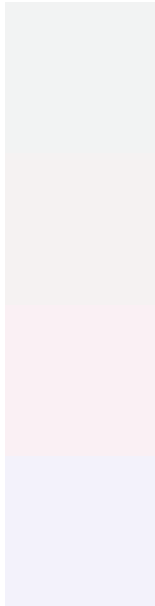
**Deuteranopia**  
255, 239, 244



# Tritanopia

244, 241, 255

# Trichromacy



**Original Color**

242, 243, 243

**Protanomaly**

245, 242, 242

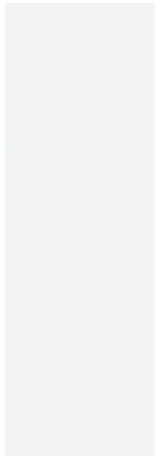
**Deuteranomaly**

250, 240, 244

**Tritanomaly**

243, 242, 251

# Monochromacy



**Original Color**

242, 243, 243

**Achromatopsia**

243, 243, 243

**Achromatomaly**

243, 243, 243

# CSS Examples

## Text

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

```
.text, #text, p{  
    color:rgb(242, 243, 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(242, 243, 243) colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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