

# Converting Colors

RGB(250, 253, 242)

Have a look what the booklet for  
RGB(250, 253, 242) contains.

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# **Color**

**RGB(250, 253, 242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFDF2
RGB	250, 253, 242
RGB Percent	98%, 99%, 95%
CMY	0.0196, 0.0078, 0.0510
CMYK	0.01, 0.00, 0.04, 0.01
HSL	76°, 73%, 97%
HSV	76°, 4%, 99%
XYZ	90.5766, 96.9854, 97.9505
YIQ	250.8490, 1.7430, -4.0570

# Conversions

## Conversions Part 2

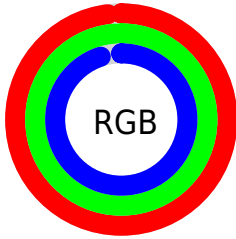
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 253, 245
Decimal	16449010
CIE Lab	98.82, -2.89, 4.90
CIE LCh	99, 5.689, 120.522
Yxy	96.9854, 0.3172, 0.3397
Android (android.graphics.Color)	4294639090 (0xFFFAFDF2)
YUV	250.8490, -4.3626, -0.7446
Hunter-Lab	98.4811, -8.1692, 9.9662

# Details

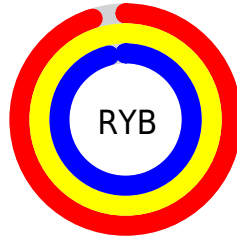
The RGB color 250, 253, 242 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 242, 253, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 194, 196, 186 is the 20% darker color. If you saturate the color by 10%, you get 243, 253, 217, and if you desaturate by 10%, it is 255, 253, 255.

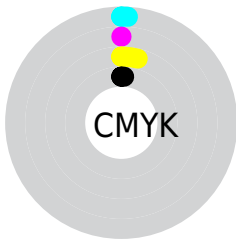
# Distribution



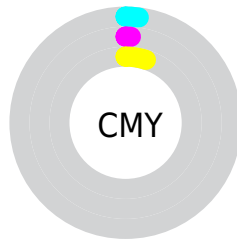
- Red (98%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (96%)



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



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 250, 253, 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 250, 253, 242 by changing the saturation by 10% instead.





 250, 253, 242


255, 255, 255

 250, 253, 242


 221, 224, 214

 194, 196, 186

 166, 169, 159

 140, 143, 133

 115, 117, 108

 90, 93, 83

 67, 69, 60

 44, 47, 39

 24, 26, 18

250, 253, 242

250, 253, 242

243, 253, 217

255, 253, 255

236, 253, 191

229, 253, 166

222, 253, 141

215, 253, 115

209, 253, 90

202, 253, 65

195, 253, 40

188, 253, 14

# Harmonies

## Analogous

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



255, 251, 241



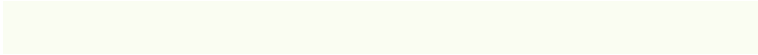
250, 253, 242



244, 254, 246

# Triad

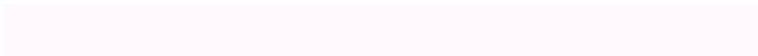
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 253, 242



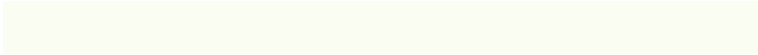
241, 254, 255



255, 248, 252

# Complementary

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



250, 253, 242



245, 242, 253

# 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.



255, 249, 255



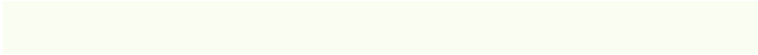
250, 253, 242



246, 252, 255

# Square

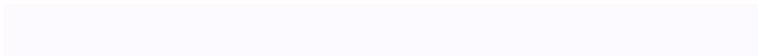
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



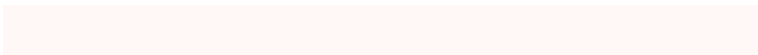
250, 253, 242



238, 255, 255



253, 250, 255



255, 248, 246

# Rectangle

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



250, 253, 242



241, 255, 250



253, 250, 255



255, 248, 254



# Sweetspot

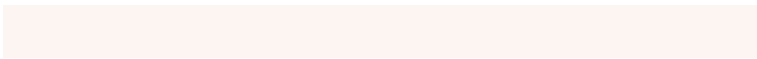
The Sweet Spot groups the original color and five complimentary colors.



250, 253, 242



254, 255, 252



253, 245, 242



127, 128, 126



0, 0, 0



128, 128, 128



# Same Dimension

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



250, 253, 242



252, 255, 242



245, 253, 242



125, 128, 120



139, 191, 0



46, 64, 0



# Inverse Universe

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



245, 242, 253



246, 242, 255



250, 242, 253



122, 120, 128



52, 0, 191



17, 0, 64



# Previews

## White Background



This preview shows how the RGB color 250, 253, 242 looks on a white background.

## Color Contrast Check

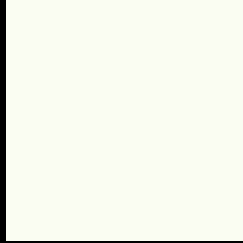
Large Text (above 18pt) WCAG AA × Fail

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 250, 253, 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 250, 253, 242 Background



This preview shows how black text looks on a background with the RGB color 250, 253, 242.



This preview shows how white text looks on a background with the RGB color 250, 253, 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**  
[250](#), [253](#), [242](#)

**Protanopia**  
[255](#), [251](#), [246](#)

**Deuteranopia**  
[255](#), [251](#), [251](#)

# Tritanopia

252, 251, 255

# Trichromacy



**Original Color**

250, 253, 242

**Protanomaly**

253, 252, 245

**Deuteranomaly**

253, 252, 248

**Tritanomaly**

251, 252, 250

# Monochromacy



**Original Color**

250, 253, 242



**Achromatopsia**

251, 251, 251

**Achromatomaly**

251, 252, 248

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 250, 253, 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(250, 253, 242) looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 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(250, 253, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 242) }
```

## Border

The CSS property to change the border of an element to RGB 250, 253, 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(250, 253, 242) }
```

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

```
.border{ border-color:rgb(250, 253, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
242) }
```

# Background

The CSS property to change the background color of an element to RGB 250, 253, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 242) }
```

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

```
.background{ background-color: rgb(250,  
253, 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](#).



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