

Converting Colors

RGB(243, 249, 242)

Have a look what the booklet for
RGB(243, 249, 242) contains.

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Color

RGB(243, 249, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F3F9F2
RGB	243, 249, 242
RGB Percent	95%, 98%, 95%
CMY	0.0471, 0.0235, 0.0510
CMYK	0.02, 0.00, 0.03, 0.02
HSL	111°, 37%, 96%
HSV	111°, 3%, 98%
XYZ	86.8648, 93.2169, 97.4188
YIQ	246.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

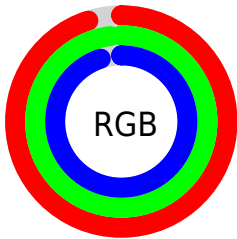
Format	Color
R _Y B	242, 249, 248
Decimal	15989234
CIE Lab	97.32, -3.21, 2.65
CIE LCh	97, 4.164, 140.423
Yxy	93.2169, 0.3130, 0.3359
Android (android.graphics.Color)	4294179314 (0xFFFF3F9F2)
YUV	246.4080, -2.1731, -2.9888
Hunter-Lab	96.5489, -8.3644, 7.7600

Details

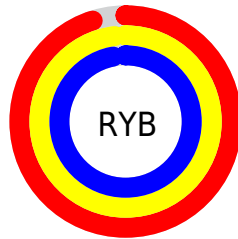
The RGB color **243, 249, 242** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **248, 242, 249**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **187, 193, 186** is the 20% darker color. If you saturate the color by 10%, you get **222, 249, 217**, and if you desaturate by 10%, it is **255, 249, 255**.

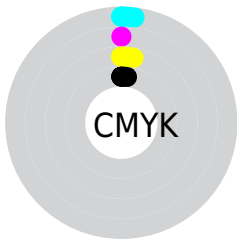
Distribution



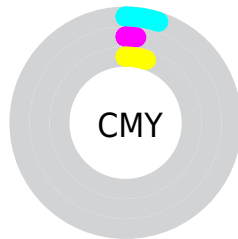
- Red (95%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 243, 249, 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 243, 249, 242 by changing the saturation by 10% instead.


 243, 249, 242

255, 255, 255

 243, 249, 242

 215, 220, 214


 187, 193, 186

 160, 165, 159

 134, 139, 133

 108, 114, 108

 84, 89, 83

 61, 66, 60

 39, 44, 39

 19, 23, 18

 243, 249, 242

 243, 249, 242

 222, 249, 217


 255, 249, 255

 200, 249, 192

 179, 249, 167

 158, 249, 142

 136, 249, 118

 115, 249, 93

 94, 249, 68

 72, 249, 43

 51, 249, 18

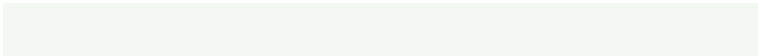
Harmonies

Analogous

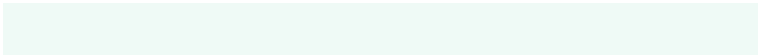
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 248, 240



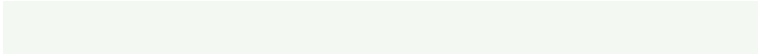
243, 249, 242



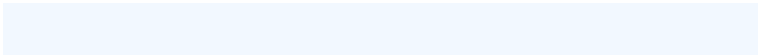
239, 250, 246

Triad

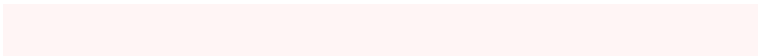
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243, 249, 242



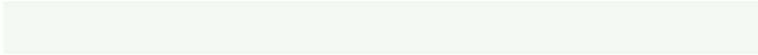
242, 248, 255



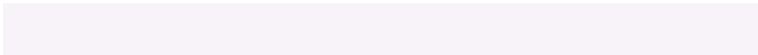
255, 245, 245

Complementary

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



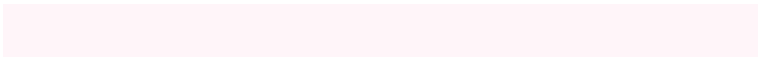
243, 249, 242



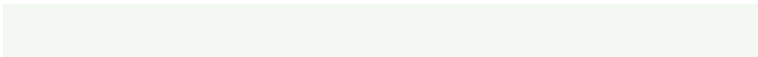
248, 242, 249

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, 245, 249



243, 249, 242



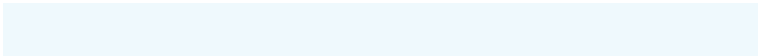
247, 247, 255

Square

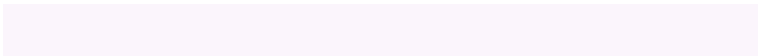
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



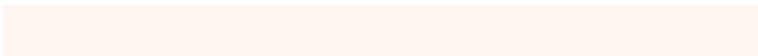
243, 249, 242



239, 249, 253



251, 245, 252



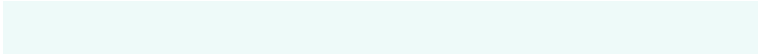
255, 245, 241

Rectangle

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



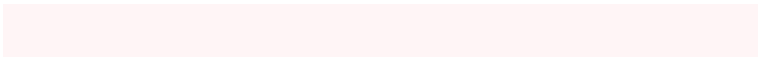
243, 249, 242



238, 250, 249



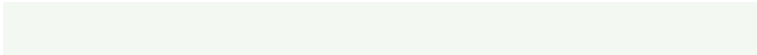
251, 245, 252



255, 245, 246

Sweetspot

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



243, 249, 242



253, 255, 252



249, 248, 242



126, 128, 126



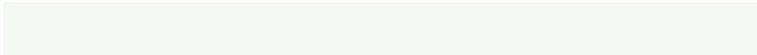
0, 0, 0



128, 128, 128

Same Dimension

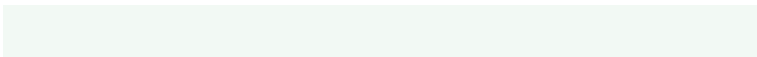
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243, 249, 242



248, 255, 247



242, 249, 244



121, 125, 120



27, 189, 0



9, 61, 0

Inverse Universe

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



248, 242, 249



254, 247, 255



249, 242, 247



124, 120, 125



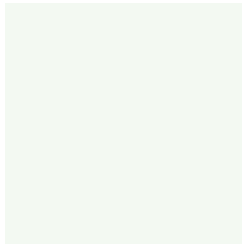
162, 0, 189



52, 0, 61

Previews

White Background



This preview shows how the RGB color 243, 249, 242 looks on a white background.

Color Contrast Check

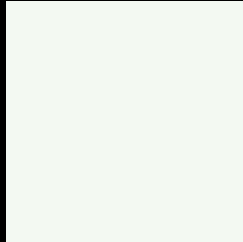
Large Text (above 18pt) WCAG AA × Fail

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 243, 249, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

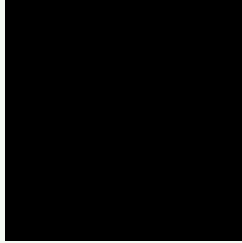
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

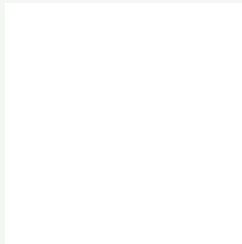
Any Text WCAG AAA ✓ Pass

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

RGB 243, 249, 242 Background



This preview shows how black text looks on a background with the RGB color 243, 249, 242.

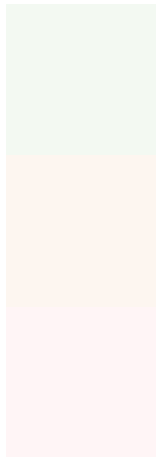


This preview shows how white text looks on a background with the RGB color 243, 249, 242.

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
243, 249, 242

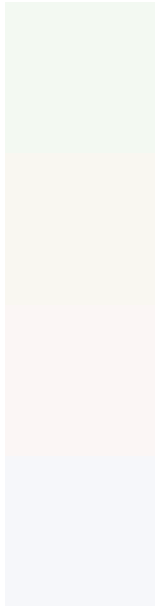
Protanopia
253, 246, 240

Deuteranopia
255, 245, 246



Tritanopia
247, 246, 255

Trichromacy



Original Color

243, 249, 242

Protanomaly

249, 247, 241

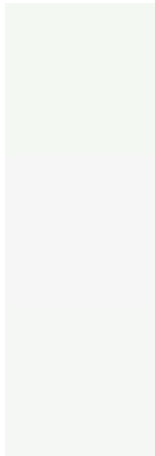
Deuteranomaly

251, 246, 245

Tritanomaly

246, 247, 250

Monochromacy



Original Color

243, 249, 242

Achromatopsia

246, 246, 246

Achromatomaly

245, 247, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 243, 249, 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(243, 249, 242) looks like.

```
.text, #text, p{  
    color:rgb(243, 249, 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(243, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 249, 242) }
```

Border

The CSS property to change the border of an element to RGB 243, 249, 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(243, 249, 242) }
```

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

```
.border{ border-color:rgb(243, 249, 242) }
```

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

Here you see how a box with a 4 pixel rgb(243, 249, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 249,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 243, 249, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 249, 242) }
```

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

```
.background{ background-color: rgb(243,  
249, 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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