

# Converting Colors

RGB(246, 255, 242)

Have a look what the booklet for  
RGB(246, 255, 242) contains.

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# **Color**

**RGB(246, 255, 242)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FFF2
RGB	246, 255, 242
RGB Percent	96%, 100%, 95%
CMY	0.0353, 0.0000, 0.0510
CMYK	0.04, 0.00, 0.05, 0.00
HSL	102°, 100%, 97%
HSV	102°, 5%, 100%
XYZ	89.7930, 97.5236, 98.0957
YIQ	250.8270, -1.1910, -5.9510

# Conversions

## Conversions Part 2

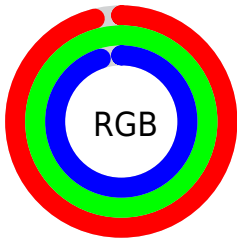
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 255, 251
Decimal	16187378
CIE <sub>Lab</sub>	99.03, -5.23, 5.17
CIE <sub>LCh</sub>	99, 7.352, 135.304
Yxy	97.5236, 0.3146, 0.3417
Android (android.graphics.Color)	4294377458 (0xFFFF6FFF2)
YUV	250.8270, -4.3517, -4.2333
Hunter-Lab	98.7541, -10.5168, 10.2331

# Details

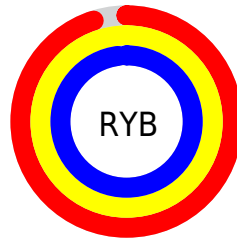
The RGB color 246, 255, 242 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251, 242, 255, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 190, 198, 186 is the 20% darker color. If you saturate the color by 10%, you get 228, 255, 217, and if you desaturate by 10%, it is 255, 255, 255.

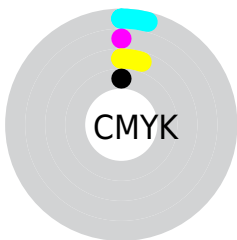
# Distribution



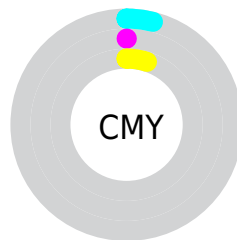
- Red (96%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 246, 255, 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 246, 255, 242 by changing the saturation by 10% instead.




 246, 255, 242

255, 255, 255


 246, 255, 242

 218, 226, 214


 190, 198, 186


 163, 171, 159


 136, 145, 133

 111, 119, 108

 87, 94, 83

 63, 71, 60

 41, 48, 39

 21, 27, 18

246, 255, 242

246, 255, 242

228, 255, 217

255, 255, 255

211, 255, 191

193, 255, 165

175, 255, 140

158, 255, 114

140, 255, 89

122, 255, 63

105, 255, 38

87, 255, 12

# Harmonies

## Analogous

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



254, 253, 238



246, 255, 242



239, 255, 248

# Triad

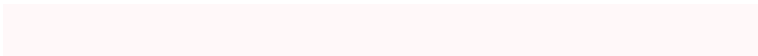
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246, 255, 242



241, 254, 255



255, 248, 249

# Complementary

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



246, 255, 242



251, 242, 255

# 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, 248, 255



246, 255, 242



250, 252, 255

# Square

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



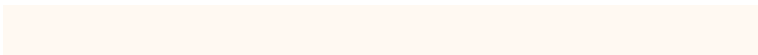
246, 255, 242



236, 255, 255



255, 249, 255



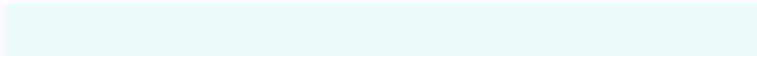
255, 249, 242

# Rectangle

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



246, 255, 242



236, 255, 253



255, 249, 255



255, 248, 251



# Sweetspot

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



246, 255, 242



251, 255, 250



255, 251, 242



126, 128, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



246, 255, 242



244, 255, 240



242, 255, 244



121, 128, 119



59, 191, 0



20, 64, 0



# Inverse Universe

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



251, 242, 255



250, 240, 255



255, 242, 253



125, 119, 128



132, 0, 191

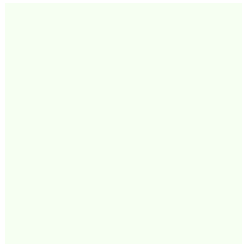


44, 0, 64



# Previews

## White Background



This preview shows how the RGB color 246, 255, 242 looks on a white background.

## Color Contrast Check

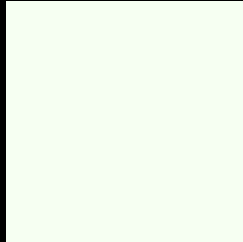
Large Text (above 18pt) WCAG AA × Fail

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 246, 255, 242 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

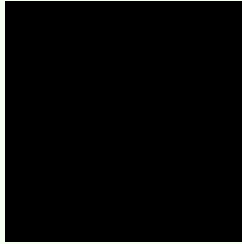
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 246, 255, 242 Background



This preview shows how black text looks on a background with the RGB color 246, 255, 242.

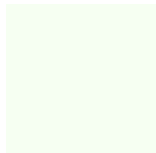


This preview shows how white text looks on a background with the RGB color 246, 255, 242.

# 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**  
[246](#), [255](#), [242](#)



**Protanopia**  
[255](#), [252](#), [247](#)

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

# Tritanopia

252, 252, 255

# Trichromacy



**Original Color**

246, 255, 242

**Protanomaly**

252, 253, 245

**Deuteranomaly**

252, 252, 248

**Tritanomaly**

250, 253, 250

# Monochromacy



**Original Color**

246, 255, 242

**Achromatopsia**

251, 251, 251

**Achromatomaly**

249, 252, 248

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 246, 255, 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(246, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 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(246, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 242) }
```

## Border

The CSS property to change the border of an element to RGB 246, 255, 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(246, 255, 242) }
```

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

```
.border{ border-color:rgb(246, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
242) }
```

# Background

The CSS property to change the background color of an element to RGB 246, 255, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 242) }
```

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

```
.background{ background-color: rgb(246,  
255, 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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