

# Converting Colors

RGB(241, 246, 234)

Have a look what the booklet for  
RGB(241, 246, 234) contains.

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# **Color**

**RGB(241, 246, 234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1F6EA
RGB	241, 246, 234
RGB Percent	95%, 96%, 92%
CMY	0.0549, 0.0353, 0.0824
CMYK	0.02, 0.00, 0.05, 0.04
HSL	85°, 40%, 94%
HSV	85°, 5%, 96%
XYZ	84.0827, 90.5528, 90.8887
YIQ	243.1370, 0.8720, -4.7920

# Conversions

## Conversions Part 2

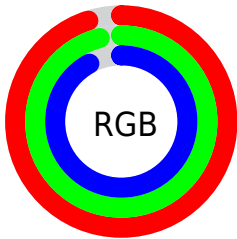
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 246, 239
Decimal	15857386
CIE <sub>Lab</sub>	96.23, -3.75, 5.18
CIE <sub>LCh</sub>	96, 6.393, 125.889
Yxy	90.5528, 0.3167, 0.3410
Android (android.graphics.Color)	4294047466 (0xFFFF1F6EA)
YUV	243.1370, -4.5045, -1.8741
Hunter-Lab	95.1592, -8.8061, 9.9823

# Details

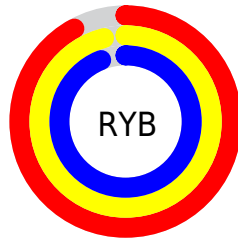
The RGB color 241, 246, 234 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 239, 234, 246, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 185, 190, 178 is the 20% darker color. If you saturate the color by 10%, you get 231, 246, 209, and if you desaturate by 10%, it is 251, 246, 255.

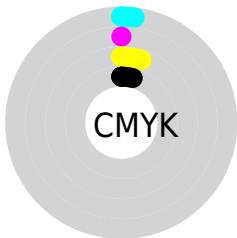
# Distribution



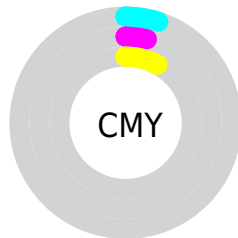
- Red (95%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 241, 246, 234 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 241, 246, 234 by changing the saturation by 10% instead.



 241, 246, 234

255, 255, 255

 241, 246, 234

 213, 218, 206

 185, 190, 178

 158, 163, 152

 132, 136, 126

 107, 111, 101

 83, 87, 77

 59, 64, 54


 38, 42, 33

 17, 21, 10

 241, 246, 234

 241, 246, 234

 231, 246, 209

 251, 246, 255


 220, 246, 185


 255, 246, 255

 210, 246, 160

 200, 246, 136

 190, 246, 111

 179, 246, 86

 169, 246, 62

 159, 246, 37

 149, 246, 13

# Harmonies

## Analogous

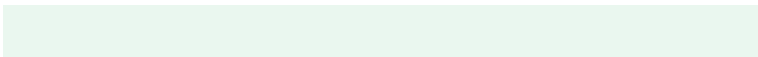
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 244, 232



241, 246, 234



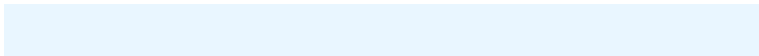
234, 247, 239

# Triad

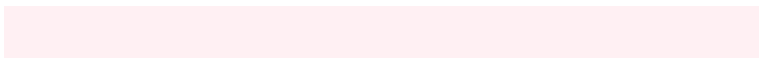
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241, 246, 234



233, 246, 255



255, 240, 243

# Complementary

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



241, 246, 234



239, 234, 246

# Split Complementary

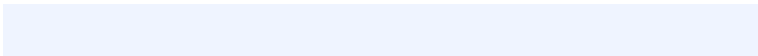
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



254, 241, 249



241, 246, 234



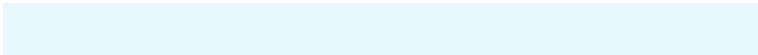
239, 244, 255

# Square

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



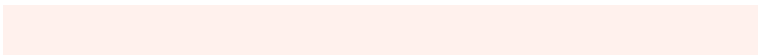
241, 246, 234



230, 248, 251



247, 242, 254



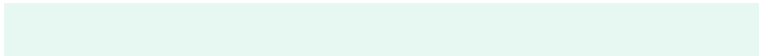
255, 241, 237

# Rectangle

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



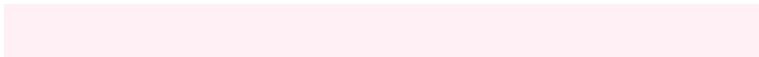
241, 246, 234



231, 248, 243



247, 242, 254



255, 240, 245



# Sweetspot

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



241, 246, 234



254, 255, 252



246, 239, 234



127, 128, 126



0, 0, 0



128, 128, 128



# Same Dimension

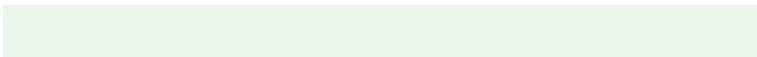
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 246, 234



249, 255, 240



235, 246, 234



119, 122, 114



109, 186, 0



34, 59, 0



# Inverse Universe

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



239, 234, 246



246, 240, 255



245, 234, 246



117, 114, 122



78, 0, 186

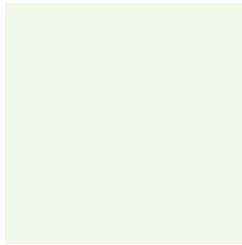


24, 0, 59



# Previews

## White Background



This preview shows how the RGB color 241, 246, 234 looks on a white background.

## Color Contrast Check

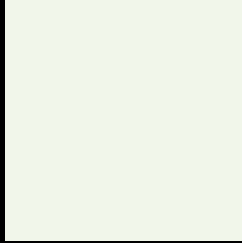
Large Text (above 18pt) WCAG AA × Fail

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 241, 246, 234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

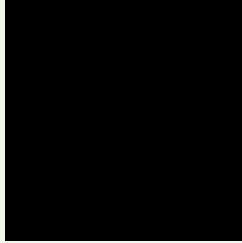
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

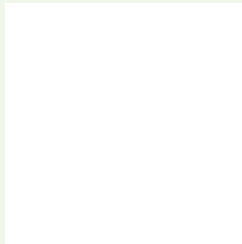
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 241, 246, 234 Background



This preview shows how black text looks on a background with the RGB color 241, 246, 234.

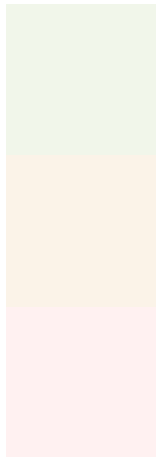


This preview shows how white text looks on a background with the RGB color 241, 246, 234.

# 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**  
241, 246, 234

**Protanopia**  
251, 243, 232

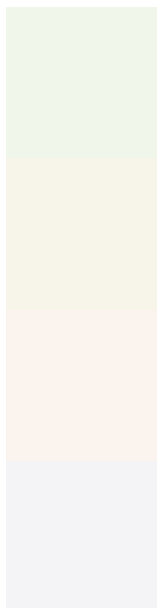
**Deuteranopia**  
255, 241, 241



# Tritanopia

245, 243, 255

# Trichromacy



## Original Color

241, 246, 234

## Protanomaly

247, 244, 233

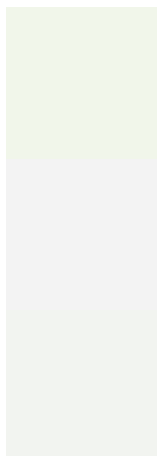
## Deuteranomaly

250, 243, 238

## Tritanomaly

244, 244, 247

# Monochromacy



## Original Color

241, 246, 234

## Achromatopsia

243, 243, 243

## Achromatomaly

242, 244, 240

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 241, 246, 234 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(241, 246, 234) looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 234)  
}
```

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(241, 246, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 234) }
```

## Border

The CSS property to change the border of an element to RGB 241, 246, 234 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(241, 246, 234) }
```

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

```
.border{ border-color:rgb(241, 246, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 246, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 246, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 246, 234); box-shadow:4px 4px 4px 4px rgb(241, 246, 234) }
```

# Background

The CSS property to change the background color of an element to RGB 241, 246, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 234) }
```

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

```
.background{ background-color: rgb(241,  
246, 234) }
```

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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