

Converting Colors

RGB(241, 246, 221)

Have a look what the booklet for
RGB(241, 246, 221) contains.

RGB(241, 246, 221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(241, 246, 221)

Conversions

Conversions Part 1

Format	Color
Hex	F1F6DD
RGB	241, 246, 221
RGB Percent	95%, 96%, 87%
CMY	0.0549, 0.0353, 0.1333
CMYK	0.02, 0.00, 0.10, 0.04
HSL	72°, 58%, 92%
HSV	72°, 10%, 96%
XYZ	82.2825, 89.8328, 81.4093
YIQ	241.6550, 5.0450, -8.8350

Conversions

Conversions Part 2

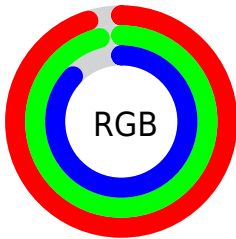
Format	Color
RYB	221, 246, 226
Decimal	15857373
CIELab	95.93, -5.91, 11.45
CIELCh	96, 12.890, 117.302
Yxy	89.8328, 0.3246, 0.3543
Android (android.graphics.Color)	4294047453 (0xFFFF1F6DD)
YUV	241.6550, -10.1829, -0.5744
Hunter-Lab	94.7801, -10.9021, 15.4203

Details

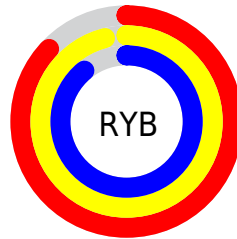
The RGB color **241, 246, 221** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **226, 221, 246**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 190, 166** is the 20% darker color. If you saturate the color by 10%, you get **236, 246, 196**, and if you desaturate by 10%, it is **246, 246, 246**.

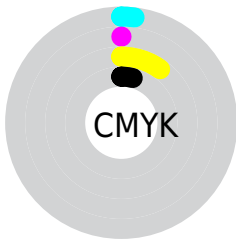
Distribution



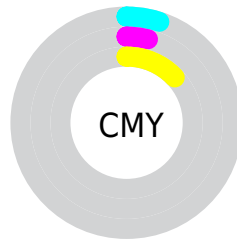
- Red (95%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 246, 221 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, 221 by changing the saturation by 10% instead.

■ 241, 246, 221

255, 255, 255

■ 241, 246, 221

■ 213, 218, 193

■ 185, 190, 166

■ 158, 163, 140

■ 132, 136, 114

■ 106, 111, 90

■ 82, 87, 66

■ 59, 64, 44

■ 37, 42, 23

■ 17, 21, 0

 241, 246, 221

 241, 246, 221

 236, 246, 196

 246, 246, 246

 231, 246, 172


 251, 246, 255

 226, 246, 147

 255, 246, 255

 221, 246, 123

 216, 246, 98

 211, 246, 73

 207, 246, 49

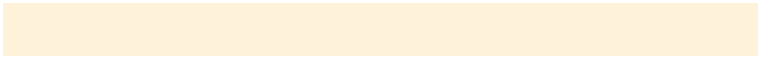
 202, 246, 24

 197, 246, 0

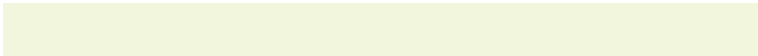
Harmonies

Analogous

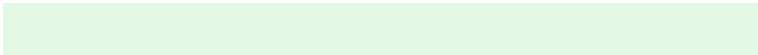
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 242, 219



241, 246, 221



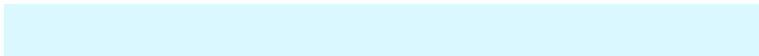
227, 249, 229

Triad

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



241, 246, 221



217, 248, 255



255, 235, 245

Complementary

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



241, 246, 221



226, 221, 246

Split Complementary

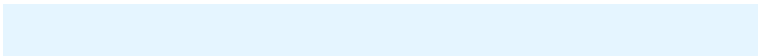
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 255



241, 246, 221



229, 245, 255

Square

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



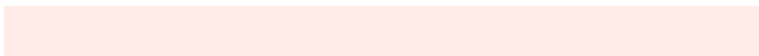
241, 246, 221



212, 250, 254



245, 240, 255



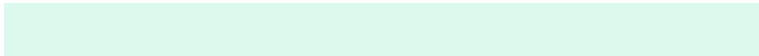
255, 235, 232

Rectangle

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



241, 246, 221



219, 250, 237



245, 240, 255



255, 235, 249

Sweetspot

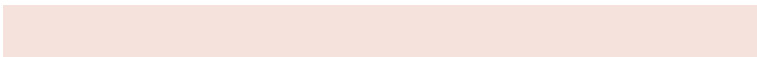
The Sweet Spot groups the original color and five complimentary colors.



241, 246, 221



253, 255, 247



246, 226, 221



126, 128, 122



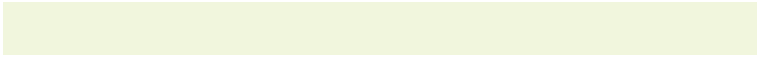
0, 0, 0



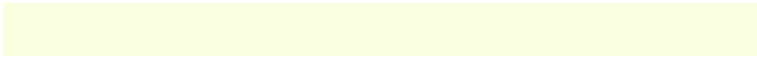
128, 128, 128

Same Dimension

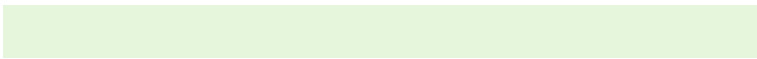
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 246, 221



249, 255, 224



229, 246, 221



120, 122, 110



149, 186, 0



47, 59, 0

Inverse Universe

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



226, 221, 246



231, 224, 255



239, 221, 246



113, 110, 122



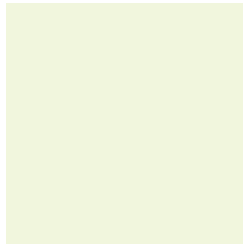
37, 0, 186



12, 0, 59

Previews

White Background



This preview shows how the RGB color 241, 246, 221 looks on a white background.

Color Contrast Check

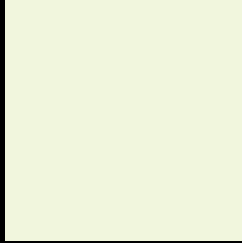
Large Text (above 18pt) WCAG AA × Fail

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, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

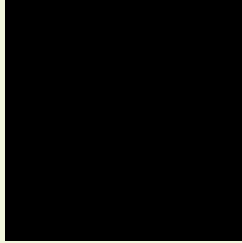
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

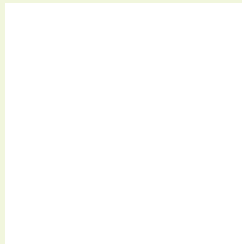
Any Text WCAG AAA ✓ Pass

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

RGB 241, 246, 221 Background



This preview shows how black text looks on a background with the RGB color 241, 246, 221.

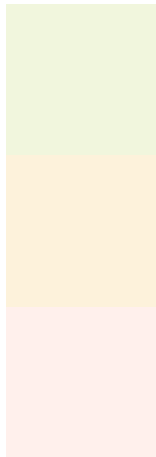


This preview shows how white text looks on a background with the RGB color 241, 246, 221.

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, 221

Protanopia
253, 242, 219

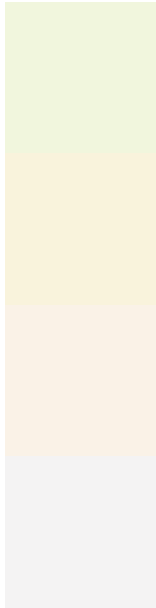
Deuteranopia
255, 240, 236



Tritanopia

246, 241, 255

Trichromacy



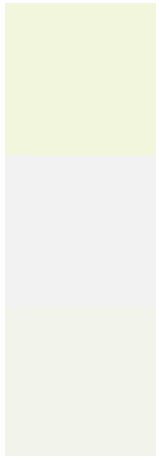
Original Color
241, 246, 221

Protanomaly
249, 243, 220

Deuteranomaly
250, 242, 231

Tritanomaly
244, 243, 243

Monochromacy



Original Color
241, 246, 221

Achromatopsia
242, 242, 242

Achromatomaly
242, 243, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 246, 221 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 221) }
```

Border

The CSS property to change the border of an element to RGB 241, 246, 221 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, 221) }
```

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

```
.border{ border-color:rgb(241, 246, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 221);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 241, 246, 221 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, 221) }
```

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

```
.background{ background-color: rgb(241,  
246, 221) }
```

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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