

Converting Colors

RGB(240, 245, 180)

Have a look what the booklet for
RGB(240, 245, 180) contains.

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Color

RGB(240, 245, 180)

Conversions

Conversions Part 1

Format	Color
Hex	F0F5B4
RGB	240, 245, 180
RGB Percent	94%, 96%, 71%
CMY	0.0588, 0.0392, 0.2941
CMYK	0.02, 0.00, 0.27, 0.04
HSL	65°, 76%, 83%
HSV	65°, 27%, 96%
XYZ	76.8258, 87.1254, 55.9477
YIQ	236.0950, 17.8850, -21.2750

Conversions

Conversions Part 2

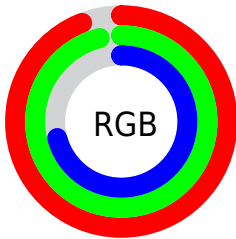
Format	Color
RYB	180, 245, 185
Decimal	15791540
CIELab	94.79, -11.79, 30.83
CIElCh	95, 33.007, 110.932
Yxy	87.1254, 0.3494, 0.3962
Android (android.graphics.Color)	4293981620 (0xFFFF0F5B4)
YUV	236.0950, -27.6548, 3.4247
Hunter-Lab	93.3410, -16.4294, 29.8008

Details

The RGB color **240, 245, 180** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **185, 180, 245**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 236**, and **183, 189, 127** is the 20% darker color. If you saturate the color by 10%, you get **238, 245, 156**, and if you desaturate by 10%, it is **242, 245, 205**.

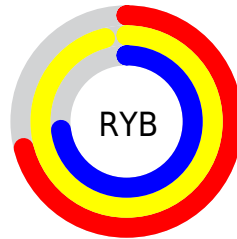
Distribution



Red (94%)

Green (96%)

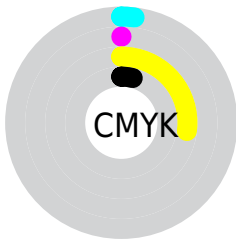
Blue (71%)



Red (71%)

Yellow (96%)

Blue (73%)

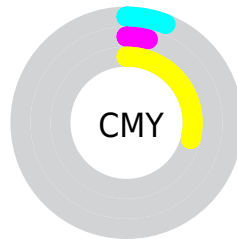


Cyan (2%)

Magenta (0%)

Yellow (27%)

Black (4%)



Cyan (6%)

Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 245, 180 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 240, 245, 180 by changing the saturation by 10% instead.

■ 240, 245, 180

255, 255, 255

■ 255, 255, 236

■ 240, 245, 180

■ 211, 217, 153

■ 183, 189, 127

■ 156, 162, 101

■ 129, 136, 77

■ 104, 110, 53

■ 79, 86, 30

■ 55, 63, 6

■ 33, 41, 0

■ 0, 22, 0

 240, 245, 180

 240, 245, 180

 238, 245, 156

 242, 245, 205

 236, 245, 131


 244, 245, 229

 234, 245, 107


 246, 245, 254

 232, 245, 82

 248, 245, 255

 231, 245, 58

 249, 245, 255

 229, 245, 33

 251, 245, 255

 227, 245, 9

 253, 245, 255

 226, 245, 0

 255, 245, 255

Harmonies

Analogous

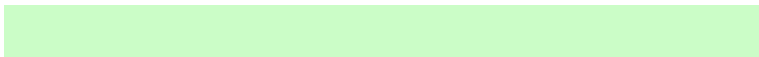
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 235, 177



240, 245, 180



203, 253, 199

Triad

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



240, 245, 180



153, 254, 255



255, 218, 251

Complementary

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



240, 245, 180



185, 180, 245

Split Complementary

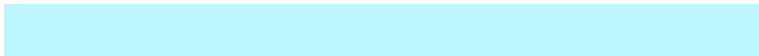
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



240, 245, 180



187, 246, 255

Square

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



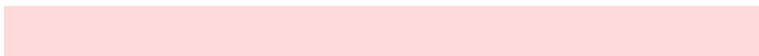
240, 245, 180



147, 255, 255



232, 235, 255



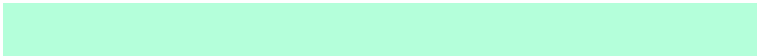
255, 218, 219

Rectangle

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



240, 245, 180



180, 255, 218



232, 235, 255



255, 219, 255

Sweetspot

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



240, 245, 180



253, 255, 235



245, 184, 180



127, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

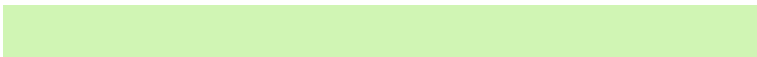
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 245, 180



249, 255, 173



208, 245, 180



121, 122, 110



172, 186, 0



54, 59, 0

Inverse Universe

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



185, 180, 245



180, 173, 255



217, 180, 245



111, 110, 122



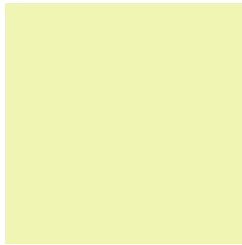
14, 0, 186



5, 0, 59

Previews

White Background



This preview shows how the RGB color 240, 245, 180 looks on a white background.

Color Contrast Check

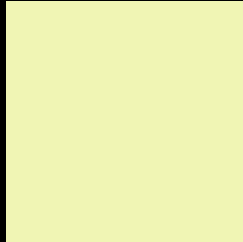
Large Text (above 18pt) WCAG AA × Fail

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 240, 245, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

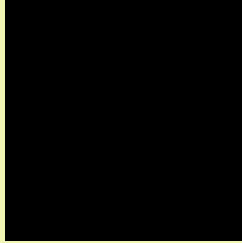
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

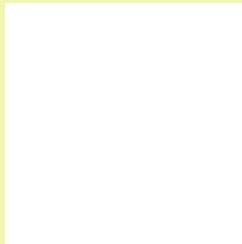
Any Text WCAG AAA ✓ Pass

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

RGB 240, 245, 180 Background



This preview shows how black text looks on a background with the RGB color 240, 245, 180.

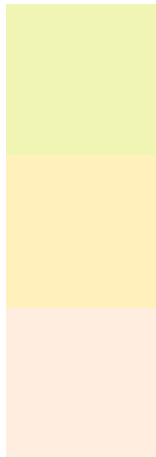


This preview shows how white text looks on a background with the RGB color 240, 245, 180.

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
240, 245, 180

Protanopia
255, 240, 188

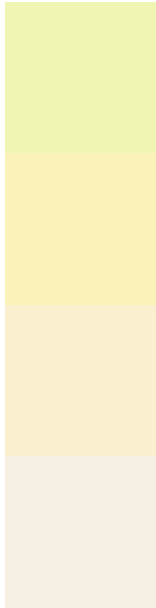
Deuteranopia
255, 237, 223



Tritanopia

250, 235, 254

Trichromacy



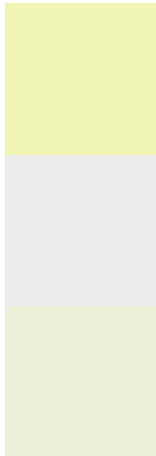
Original Color
240, 245, 180

Protanomaly
250, 242, 185

Deuteranomaly
250, 240, 207

Tritanomaly
246, 239, 227

Monochromacy



Original Color
240, 245, 180

Achromatopsia
236, 236, 236

Achromatomaly
237, 239, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 245, 180 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(240, 245, 180)` looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 180)  
}
```

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(240, 245, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 180) }
```

Border

The CSS property to change the border of an element to RGB 240, 245, 180 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(240, 245, 180) }
```

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

```
.border{ border-color:rgb(240, 245, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 245, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 180);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 240, 245, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 180) }
```

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

```
.background{ background-color: rgb(240,  
245, 180) }
```

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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