

Converting Colors

RGB(240, 255, 186)

Have a look what the booklet for
RGB(240, 255, 186) contains.

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Color

RGB(240, 255, 186)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFBA
RGB	240, 255, 186
RGB Percent	94%, 100%, 73%
CMY	0.0588, 0.0000, 0.2706
CMYK	0.06, 0.00, 0.27, 0.00
HSL	73°, 100%, 86%
HSV	73°, 27%, 100%
XYZ	80.5581, 93.5904, 60.2733
YIQ	242.6490, 13.2090, -24.6390

Conversions

Conversions Part 2

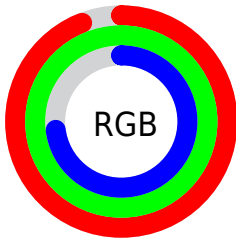
Format	Color
RYB	186, 255, 201
Decimal	15794106
CIELab	97.47, -15.90, 31.42
CIElCh	97, 35.210, 116.845
Yxy	93.5904, 0.3436, 0.3992
Android (android.graphics.Color)	4293984186 (0xFFFF0FFBA)
YUV	242.6490, -27.9280, -2.3232
Hunter-Lab	96.7421, -20.6601, 30.7801

Details

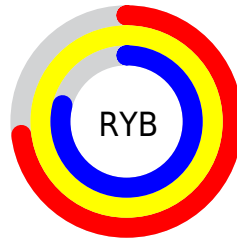
The RGB color **240, 255, 186** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **201, 186, 255**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 242**, and **183, 198, 132** is the 20% darker color. If you saturate the color by 10%, you get **234, 255, 161**, and if you desaturate by 10%, it is **246, 255, 211**.

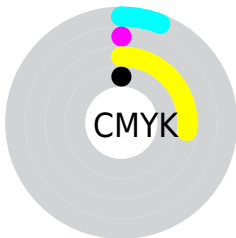
Distribution



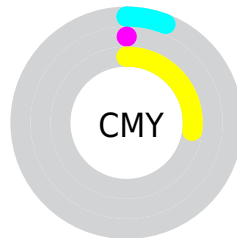
- Red (94%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 255, 186 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, 255, 186 by changing the saturation by 10% instead.

 240, 255, 186

255, 255, 255

 255, 255, 242

 240, 255, 186

 211, 226, 159

 183, 198, 132

 156, 171, 107

 129, 144, 82

 104, 119, 58

 79, 94, 35

 55, 70, 11

 33, 48, 0

 1, 28, 0

■ 240, 255, 186

■ 240, 255, 186

■ 234, 255, 161

■ 246, 255, 211

■ 229, 255, 135

■ 251, 255, 237

■ 223, 255, 109

255, 255, 255

■ 218, 255, 84

■ 212, 255, 58

■ 207, 255, 33

■ 201, 255, 8

■ 200, 255, 0

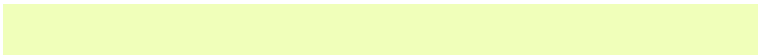
Harmonies

Analogous

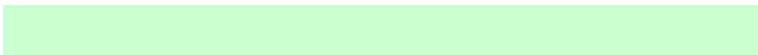
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 244, 180



240, 255, 186



201, 255, 209

Triad

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



240, 255, 186



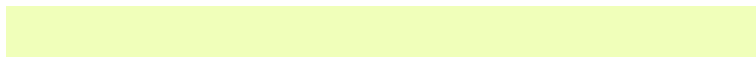
158, 255, 255



255, 223, 253

Complementary

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



240, 255, 186



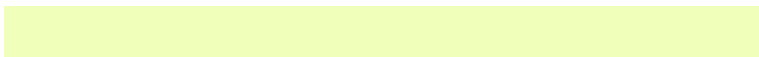
201, 186, 255

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, 229, 255



240, 255, 186



200, 252, 255

Square

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



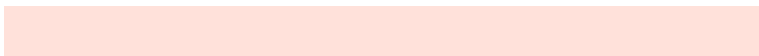
240, 255, 186



145, 255, 255



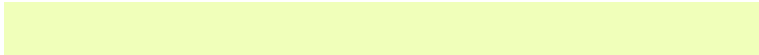
248, 240, 255



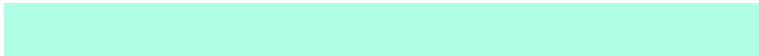
255, 225, 218

Rectangle

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



240, 255, 186



175, 255, 231



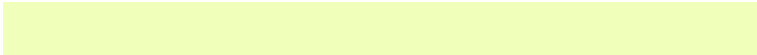
248, 240, 255



255, 224, 255

Sweetspot

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



240, 255, 186



251, 255, 235



255, 201, 186



125, 128, 115



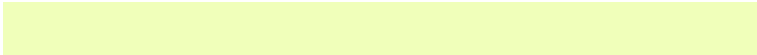
0, 0, 0



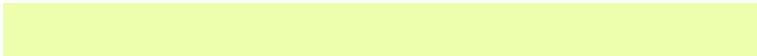
128, 128, 128

Same Dimension

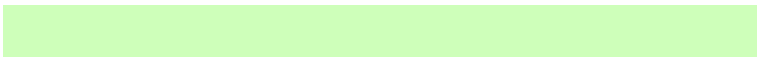
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 255, 186



237, 255, 173



206, 255, 186



125, 128, 115



150, 191, 0



50, 64, 0

Inverse Universe

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



201, 186, 255



191, 173, 255



235, 186, 255



118, 115, 128



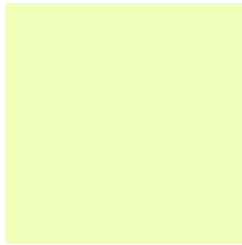
42, 0, 191



14, 0, 64

Previews

White Background



This preview shows how the RGB color 240, 255, 186 looks on a white background.

Color Contrast Check

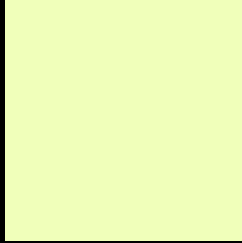
Large Text (above 18pt) WCAG AA × Fail

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, 255, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

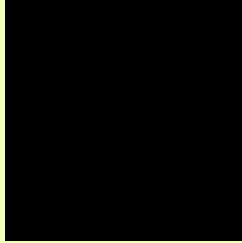
Any Text WCAG AA ✓ Pass

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, 255, 186 Background



This preview shows how black text looks on a background with the RGB color 240, 255, 186.

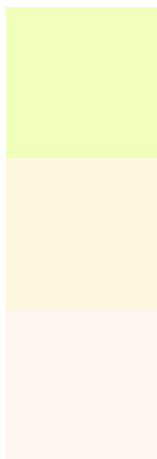


This preview shows how white text looks on a background with the RGB color 240, 255, 186.

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, 255, 186

Protanopia
255, 247, 224

Deuteranopia
255, 246, 239



Tritanopia

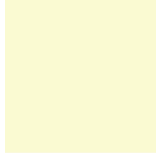
249, 246, 255

Trichromacy



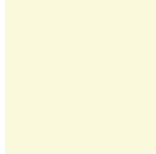
Original Color

240, 255, 186



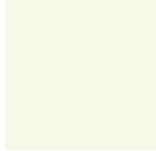
Protanomaly

250, 250, 210



Deuteranomaly

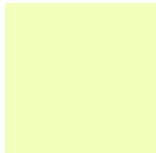
250, 249, 220



Tritanomaly

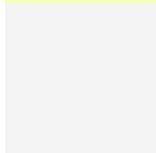
246, 249, 230

Monochromacy



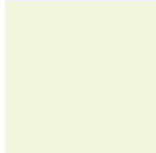
Original Color

240, 255, 186



Achromatopsia

243, 243, 243



Achromatomaly

242, 247, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 255, 186 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, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 186)  
}
```

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, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 186) }
```

Border

The CSS property to change the border of an element to RGB 240, 255, 186 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, 255, 186) }
```

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

```
.border{ border-color:rgb(240, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 240, 255, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 186) }
```

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

```
.background{ background-color: rgb(240,  
255, 186) }
```

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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