

Converting Colors

RGB(249, 245, 186)

Have a look what the booklet for
RGB(249, 245, 186) contains.

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Color

RGB(249, 245, 186)

Conversions

Conversions Part 1

Format	Color
Hex	F9F5BA
RGB	249, 245, 186
RGB Percent	98%, 96%, 73%
CMY	0.0235, 0.0392, 0.2706
CMYK	0.00, 0.02, 0.25, 0.02
HSL	56°, 84%, 85%
HSV	56°, 25%, 98%
XYZ	80.5823, 88.9897, 59.3840
YIQ	239.4700, 21.3230, -17.5010

Conversions

Conversions Part 2

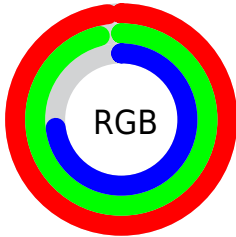
Format	Color
RYB	190, 249, 186
Decimal	16381370
CIELab	95.58, -7.70, 28.97
CIELCh	96, 29.974, 104.893
Yxy	88.9897, 0.3520, 0.3887
Android (android.graphics.Color)	4294571450 (0xFFFF9F5BA)
YUV	239.4700, -26.3607, 8.3578
Hunter-Lab	94.3344, -12.6070, 28.7107

Details

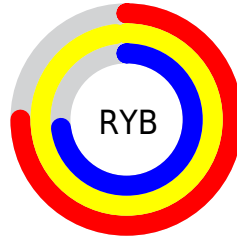
The RGB color **249, 245, 186** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **186, 190, 249**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 242**, and **192, 189, 132** is the 20% darker color. If you saturate the color by 10%, you get **249, 243, 161**, and if you desaturate by 10%, it is **249, 247, 211**.

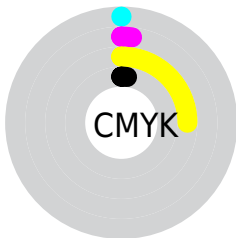
Distribution



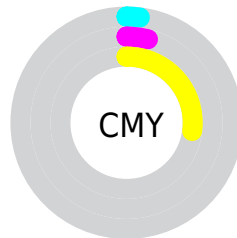
- Red (98%)
- Green (96%)
- Blue (73%)



- Red (75%)
- Yellow (98%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 245, 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 249, 245, 186 by changing the saturation by 10% instead.

 249, 245, 186

 249, 245, 186

255, 255, 255

 220, 217, 159

 255, 255, 242

 192, 189, 132

 164, 162, 107


 138, 136, 82

 112, 110, 58

 86, 86, 36

 62, 63, 13

 40, 41, 0

 11, 21, 0

 249, 245, 186

 249, 245, 186

 249, 243, 161


 249, 247, 211

 249, 242, 136


 249, 248, 236

 249, 240, 111


 249, 250, 255

 249, 239, 86

 249, 251, 255

 249, 237, 62

 249, 253, 255

 249, 236, 37

 249, 254, 255

 249, 234, 12

 249, 255, 255

 249, 233, 0

Harmonies

Analogous

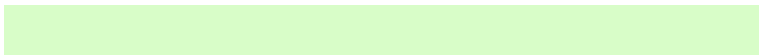
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 235, 187



249, 245, 186



216, 253, 200

Triad

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



249, 245, 186



163, 255, 255



255, 223, 255

Complementary

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



249, 245, 186



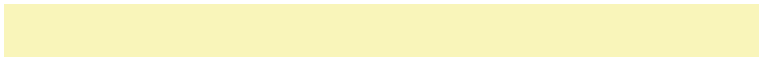
186, 190, 249

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, 230, 255



249, 245, 186



189, 249, 255

Square

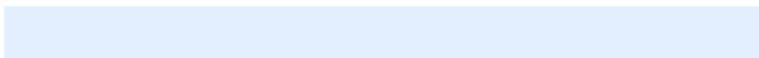
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 245, 186



162, 255, 255



227, 240, 255



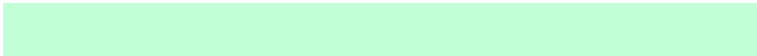
255, 222, 229

Rectangle

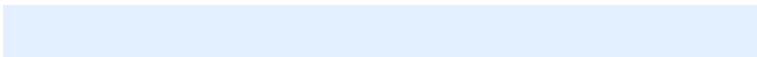
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 245, 186



194, 255, 217



227, 240, 255



255, 225, 255

Sweetspot

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



249, 245, 186



255, 254, 235



249, 186, 190



128, 127, 115



0, 0, 0



128, 128, 128

Same Dimension

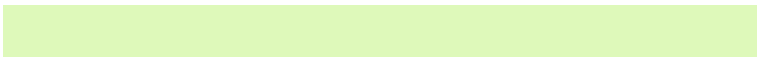
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 245, 186



255, 250, 179



222, 249, 186



125, 124, 112



189, 177, 0



61, 57, 0

Inverse Universe

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



186, 190, 249



179, 183, 255



213, 186, 249



112, 113, 125



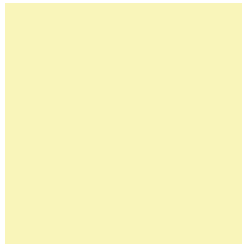
0, 12, 189



0, 4, 61

Previews

White Background



This preview shows how the RGB color 249, 245, 186 looks on a white background.

Color Contrast Check

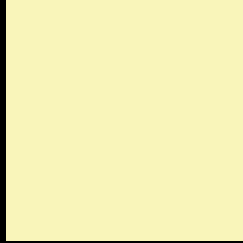
Large Text (above 18pt) WCAG AA × Fail

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 249, 245, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

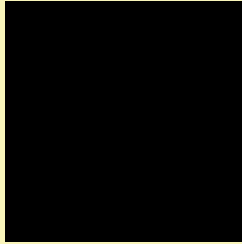
Any Text WCAG AA ✓ Pass

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 249, 245, 186 Background



This preview shows how black text looks on a background with the RGB color 249, 245, 186.

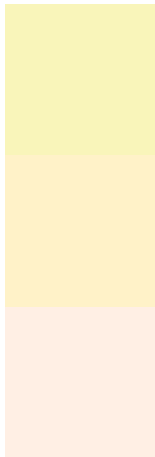


This preview shows how white text looks on a background with the RGB color 249, 245, 186.

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
249, 245, 186

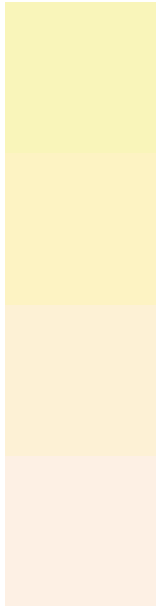
Protanopia
255, 242, 200

Deuteranopia
255, 239, 228



Tritanopia
255, 237, 252

Trichromacy



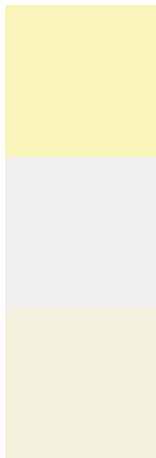
Original Color
249, 245, 186

Protanomaly
253, 243, 195

Deuteranomaly
253, 241, 213

Tritanomaly
253, 240, 228

Monochromacy



Original Color
249, 245, 186

Achromatopsia
239, 239, 239

Achromatomaly
243, 241, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 245, 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(249, 245, 186)` looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 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(249, 245, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 186) }
```

Border

The CSS property to change the border of an element to RGB 249, 245, 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(249, 245, 186) }
```

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

```
.border{ border-color:rgb(249, 245, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 186);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 249, 245, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 186) }
```

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

```
.background{ background-color: rgb(249,  
245, 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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