

Converting Colors

RGB(255, 242, 186)

Have a look what the booklet for
RGB(255, 242, 186) contains.

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Color

RGB(255, 242, 186)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2BA
RGB	255, 242, 186
RGB Percent	100%, 95%, 73%
CMY	0.0000, 0.0510, 0.2706
CMYK	0.00, 0.05, 0.27, 0.00
HSL	49°, 100%, 86%
HSV	49°, 27%, 100%
XYZ	81.8551, 88.3094, 59.1856
YIQ	239.5030, 25.7240, -14.6600

Conversions

Conversions Part 2

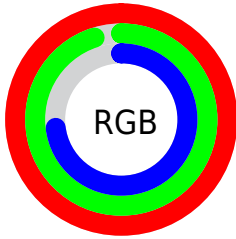
Format	Color
RYB	202, 255, 186
Decimal	16773818
CIELab	95.29, -4.00, 28.66
CIELCh	95, 28.935, 97.939
Yxy	88.3094, 0.3569, 0.3850
Android (android.graphics.Color)	4294963898 (0xFFFFF2BA)
YUV	239.5030, -26.3770, 13.5909
Hunter-Lab	93.9731, -8.9709, 28.4395

Details

The RGB color **255, 242, 186** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **186, 199, 255**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 242**, and **198, 186, 132** is the 20% darker color. If you saturate the color by 10%, you get **255, 237, 161**, and if you desaturate by 10%, it is **255, 247, 211**.

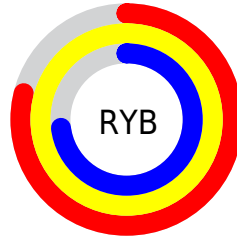
Distribution



Red (100%)

Green (95%)

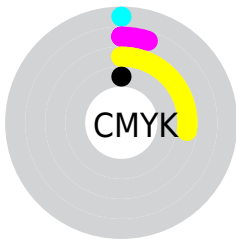
Blue (73%)



Red (79%)

Yellow (100%)

Blue (73%)

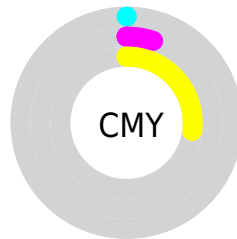


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 242, 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 255, 242, 186 by changing the saturation by 10% instead.

 255, 242, 186


255, 255, 255


 255, 255, 242

 255, 242, 186


 226, 214, 159

 198, 186, 132

 170, 159, 107

 143, 133, 82

 117, 108, 59

 91, 84, 36

 66, 61, 13

 44, 39, 0

 18, 19, 0

■ 255, 242, 186

■ 255, 242, 186

■ 255, 237, 161

■ 255, 247, 211

■ 255, 232, 135

■ 255, 252, 237

■ 255, 228, 109

255, 255, 255

■ 255, 223, 84

■ 255, 218, 58

■ 255, 213, 33

■ 255, 208, 8

■ 255, 207, 0

Harmonies

Analogous

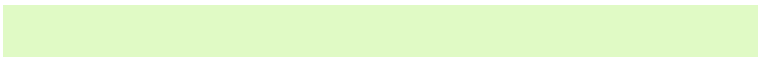
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 233, 190



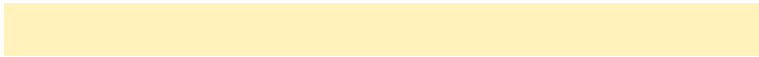
255, 242, 186



224, 250, 197

Triad

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



255, 242, 186



163, 255, 255



255, 224, 255

Complementary

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



255, 242, 186



186, 199, 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, 232, 255



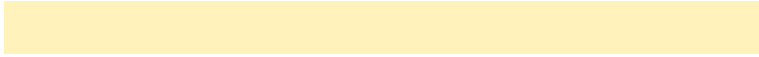
255, 242, 186



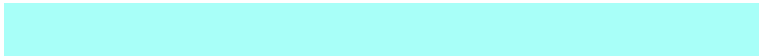
183, 250, 255

Square

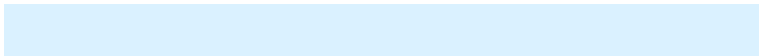
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 242, 186



168, 255, 248



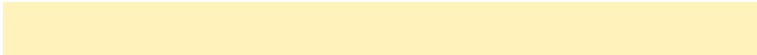
218, 241, 255



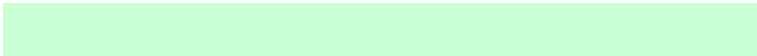
255, 221, 235

Rectangle

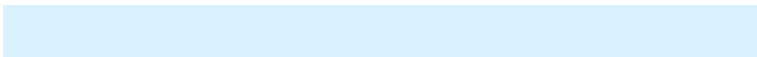
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 242, 186



202, 254, 211



218, 241, 255



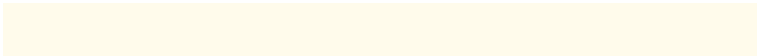
255, 226, 255

Sweetspot

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



255, 242, 186



255, 251, 235



255, 186, 200



128, 125, 115



0, 0, 0



128, 128, 128

Same Dimension

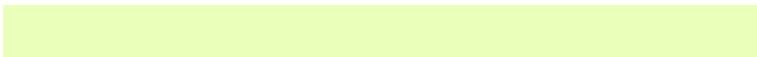
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 242, 186



255, 240, 173



234, 255, 186



128, 125, 115



191, 155, 0



64, 52, 0

Inverse Universe

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



186, 199, 255



173, 189, 255



207, 186, 255



115, 117, 128



0, 36, 191



0, 12, 64

Previews

White Background



This preview shows how the RGB color 255, 242, 186 looks on a white background.

Color Contrast Check

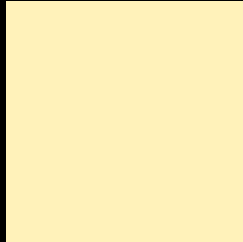
Large Text (above 18pt) WCAG AA × Fail

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 255, 242, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

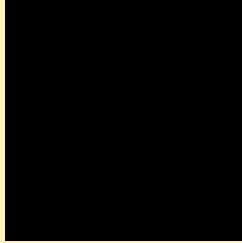
Any Text WCAG AA ✓ Pass

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 255, 242, 186 Background



This preview shows how black text looks on a background with the RGB color 255, 242, 186.



This preview shows how white text looks on a background with the RGB color 255, 242, 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
255, 242, 186

Protanopia
255, 241, 197

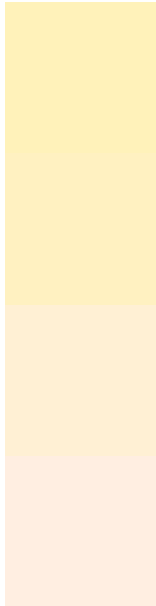
Deuteranopia
255, 239, 227



Tritanopia

255, 236, 248

Trichromacy



Original Color

255, 242, 186

Protanomaly

255, 241, 193

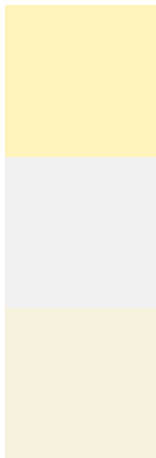
Deuteranomaly

255, 240, 212

Tritanomaly

255, 238, 225

Monochromacy



Original Color

255, 242, 186

Achromatopsia

240, 240, 240

Achromatomaly

245, 241, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 242, 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(255, 242, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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(255, 242, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 186) }
```

Border

The CSS property to change the border of an element to RGB 255, 242, 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(255, 242, 186) }
```

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

```
.border{ border-color:rgb(255, 242, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 255, 242, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 186) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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