

Converting Colors

RGB(245, 242, 192)

Have a look what the booklet for
RGB(245, 242, 192) contains.

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Color

RGB(245, 242, 192)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2C0
RGB	245, 242, 192
RGB Percent	96%, 95%, 75%
CMY	0.0392, 0.0510, 0.2471
CMYK	0.00, 0.01, 0.22, 0.04
HSL	57°, 73%, 86%
HSV	57°, 22%, 96%
XYZ	78.9227, 86.7225, 62.4486
YIQ	237.1970, 17.8380, -14.9140

Conversions

Conversions Part 2

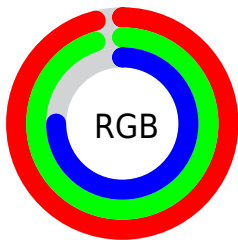
Format	Color
R_{YB}	195, 245, 192
Decimal	16118464
CIE _{Lab}	94.62, -6.86, 24.56
CIE _{LCh}	95, 25.494, 105.598
Yxy	86.7225, 0.3460, 0.3802
Android (android.graphics.Color)	4294308544 (0xFFFF5F2C0)
YUV	237.1970, -22.2821, 6.8432
Hunter-Lab	93.1249, -11.6911, 25.4282

Details

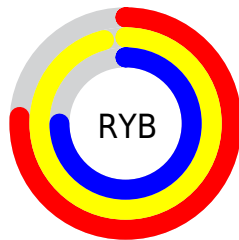
The RGB color **245, 242, 192** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **192, 195, 245**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 249**, and **188, 186, 138** is the 20% darker color. If you saturate the color by 10%, you get **245, 241, 168**, and if you desaturate by 10%, it is **245, 243, 217**.

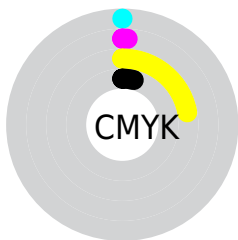
Distribution



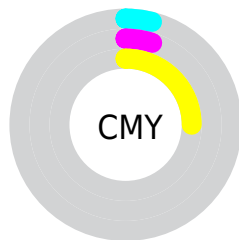
- Red (96%)
- Green (95%)
- Blue (75%)



- Red (76%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 242, 192 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 245, 242, 192 by changing the saturation by 10% instead.

 245, 242, 192


 245, 242, 192


255, 255, 255

 216, 214, 165

 255, 255, 249

 188, 186, 138

 161, 159, 113

 134, 133, 88

 109, 108, 64

 84, 84, 41

 60, 61, 20

 38, 39, 0

 8, 19, 0

 245, 242, 192

 245, 242, 192

 245, 241, 168


 245, 243, 217

 245, 239, 143


 245, 245, 241

 245, 238, 118


 245, 246, 255

 245, 236, 94


 245, 248, 255

 245, 235, 70

 245, 249, 255

 245, 234, 45

 245, 250, 255

 245, 232, 21

 245, 252, 255

 245, 231, 0

 245, 253, 255

 245, 254, 255

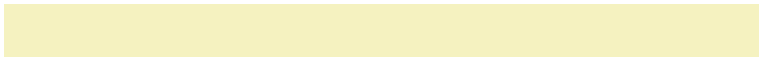
Harmonies

Analogous

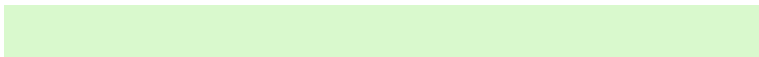
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 234, 192



245, 242, 192



217, 249, 205

Triad

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



245, 242, 192



175, 251, 255



255, 223, 252

Complementary

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



245, 242, 192



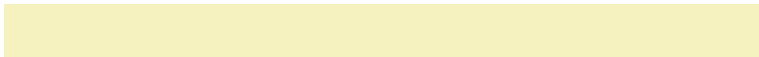
192, 195, 245

Split Complementary

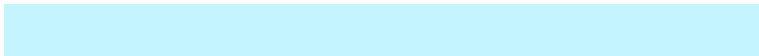
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 229, 255



245, 242, 192



196, 245, 255

Square

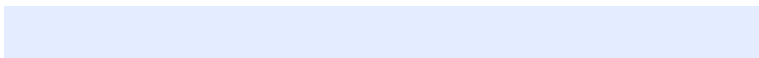
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 242, 192



174, 254, 252



228, 237, 255



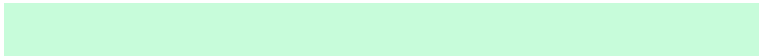
255, 222, 227

Rectangle

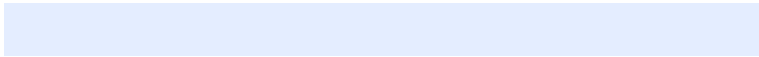
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 242, 192



199, 252, 218



228, 237, 255



255, 225, 255

Sweetspot

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



245, 242, 192



255, 254, 240



245, 192, 196



128, 127, 119



0, 0, 0



128, 128, 128

Same Dimension

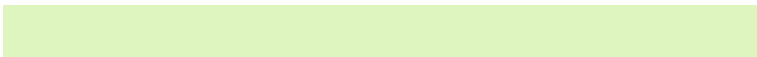
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 242, 192



255, 251, 189



222, 245, 192



122, 122, 110



186, 176, 0



59, 55, 0

Inverse Universe

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



192, 195, 245



189, 192, 255



215, 192, 245



110, 111, 122



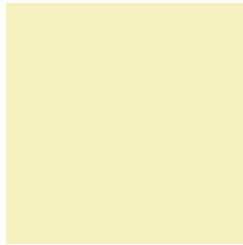
0, 11, 186



0, 3, 59

Previews

White Background



This preview shows how the RGB color 245, 242, 192 looks on a white background.

Color Contrast Check

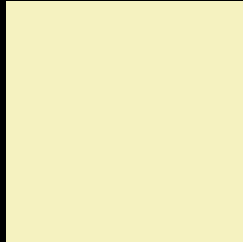
Large Text (above 18pt) WCAG AA × Fail

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 245, 242, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

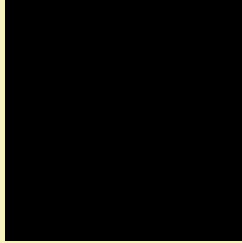
Any Text WCAG AA ✓ Pass

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 245, 242, 192 Background



This preview shows how black text looks on a background with the RGB color 245, 242, 192.

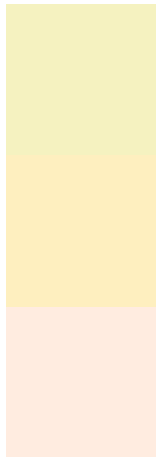


This preview shows how white text looks on a background with the RGB color 245, 242, 192.

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
245, 242, 192

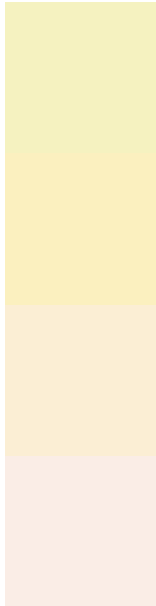
Protanopia
254, 239, 191

Deuteranopia
255, 236, 224



Tritanopia
253, 234, 252

Trichromacy



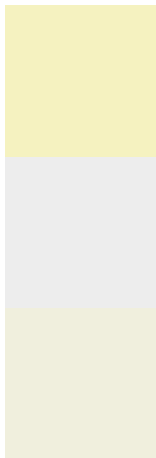
Original Color
245, 242, 192

Protanomaly
251, 240, 191

Deuteranomaly
251, 238, 212

Tritanomaly
250, 237, 230

Monochromacy



Original Color
245, 242, 192

Achromatopsia
237, 237, 237

Achromatomaly
240, 239, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 242, 192 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(245, 242, 192)` looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 192)  
}
```

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(245, 242, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 192) }
```

Border

The CSS property to change the border of an element to RGB 245, 242, 192 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(245, 242, 192) }
```

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

```
.border{ border-color:rgb(245, 242, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 192);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 245, 242, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 192) }
```

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

```
.background{ background-color: rgb(245,  
242, 192) }
```

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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