

Converting Colors

RGB(245, 224, 140)

Have a look what the booklet for
RGB(245, 224, 140) contains.

RGB(245, 224, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(245, 224, 140)

Conversions

Conversions Part 1

Format	Color
Hex	F5E08C
RGB	245, 224, 140
RGB Percent	96%, 88%, 55%
CMY	0.0392, 0.1216, 0.4510
CMYK	0.00, 0.09, 0.43, 0.04
HSL	48°, 84%, 75%
HSV	48°, 43%, 96%
XYZ	69.0455, 74.6172, 35.5744
YIQ	220.7030, 39.4800, -21.6720

Conversions

Conversions Part 2

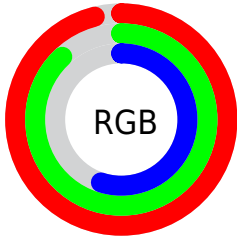
Format	Color
RYB	166, 245, 140
Decimal	16113804
CIELab	89.21, -4.03, 43.65
CIElCh	89, 43.839, 95.280
Yxy	74.6172, 0.3852, 0.4163
Android (android.graphics.Color)	4294303884 (0xFFFF5E08C)
YUV	220.7030, -39.7866, 21.3085
Hunter-Lab	86.3813, -8.4903, 36.0495

Details

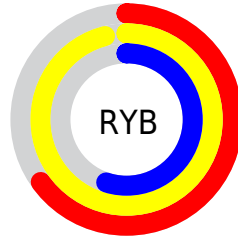
The RGB color **245, 224, 140** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **140, 161, 245**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 195**, and **187, 169, 88** is the 20% darker color. If you saturate the color by 10%, you get **245, 219, 116**, and if you desaturate by 10%, it is **245, 229, 165**.

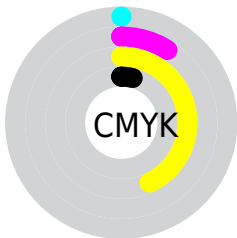
Distribution



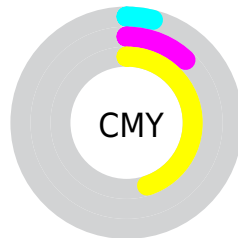
- Red (96%)
- Green (88%)
- Blue (55%)



- Red (65%)
- Yellow (96%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RGB color 245, 224, 140 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, 224, 140 by changing the saturation by 10% instead.

 245, 224, 140

 245, 224, 140

255, 255, 255

 216, 196, 114


 255, 255, 195

 187, 169, 88

 255, 255, 223

 159, 143, 63

 255, 255, 252

 131, 117, 38

 105, 93, 10

 79, 69, 0

 54, 47, 0

 29, 27, 0


 0, 0, 0

 245, 224, 140


 245, 224, 140

 245, 219, 116


 245, 229, 165

 245, 214, 91


 245, 234, 189

 245, 209, 66

 245, 239, 214

 245, 204, 42

 245, 244, 238

 245, 199, 17

 245, 249, 255

 245, 196, 0

 245, 253, 255

 245, 255, 255

Harmonies

Analogous

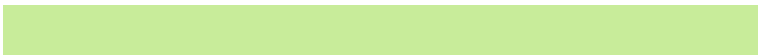
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 210, 149



245, 224, 140



200, 236, 154

Triad

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



245, 224, 140



63, 245, 255



255, 197, 255

Complementary

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



245, 224, 140



140, 161, 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.



239, 211, 255



245, 224, 140



108, 238, 255

Square

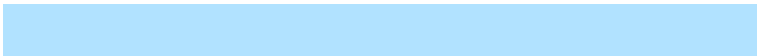
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 224, 140



96, 247, 230



177, 226, 255



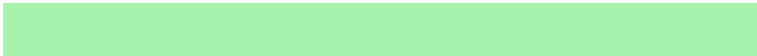
255, 192, 218

Rectangle

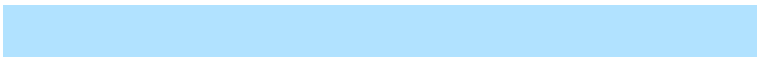
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 224, 140



167, 242, 175



177, 226, 255



255, 201, 255

Sweetspot

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



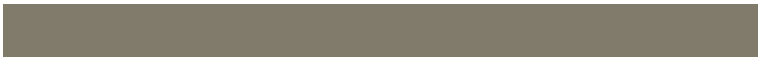
245, 224, 140



255, 248, 222



245, 140, 161



128, 123, 107



0, 0, 0



128, 128, 128

Same Dimension

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



245, 224, 140



255, 229, 125



214, 245, 140



122, 120, 110



186, 149, 0



59, 47, 0

Inverse Universe

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



140, 161, 245



125, 151, 255



171, 140, 245



110, 113, 122



0, 37, 186



0, 12, 59

Previews

White Background



This preview shows how the RGB color 245, 224, 140 looks on a white background.

Color Contrast Check

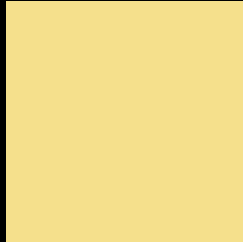
Large Text (above 18pt) WCAG AA × Fail

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, 224, 140 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, 224, 140 Background



This preview shows how black text looks on a background with the RGB color 245, 224, 140.



This preview shows how white text looks on a background with the RGB color 245, 224, 140.

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, 224, 140

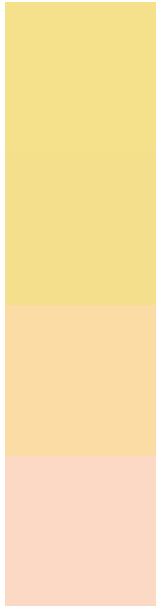
Protanopia
244, 224, 140

Deuteranopia
255, 218, 177



Tritanopia
254, 213, 230

Trichromacy



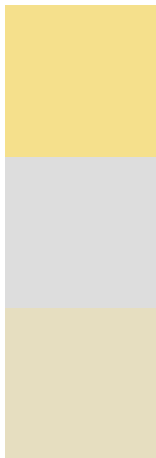
Original Color
245, 224, 140

Protanomaly
244, 224, 140

Deuteranomaly
251, 220, 164

Tritanomaly
251, 217, 197

Monochromacy



Original Color
245, 224, 140

Achromatopsia
221, 221, 221

Achromatomaly
230, 222, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 224, 140 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, 224, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 140)  
}
```

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, 224, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 140) }
```

Border

The CSS property to change the border of an element to RGB 245, 224, 140 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, 224, 140) }
```

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

```
.border{ border-color:rgb(245, 224, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 245, 224, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 140) }
```

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

```
.background{ background-color: rgb(245,  
224, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor