

Converting Colors

RGB(247, 212, 128)

Have a look what the booklet for
RGB(247, 212, 128) contains.

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Color

RGB(247, 212, 128)

Conversions

Conversions Part 1

Format	Color
Hex	F7D480
RGB	247, 212, 128
RGB Percent	97%, 83%, 50%
CMY	0.0314, 0.1686, 0.4980
CMYK	0.00, 0.14, 0.48, 0.03
HSL	42°, 88%, 74%
HSV	42°, 48%, 97%
XYZ	65.7975, 68.4196, 30.1605
YIQ	212.8890, 47.8240, -18.7040

Conversions

Conversions Part 2

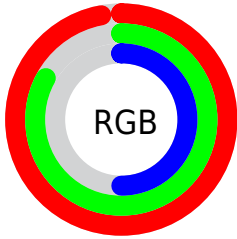
Format	Color
RYB	178, 247, 128
Decimal	16241792
CIELab	86.22, 1.72, 45.86
CIElCh	86, 45.893, 87.846
Yxy	68.4196, 0.4003, 0.4162
Android (android.graphics.Color)	4294431872 (0xFFFF7D480)
YUV	212.8890, -41.8503, 29.9153
Hunter-Lab	82.7162, -2.7634, 36.2826

Details

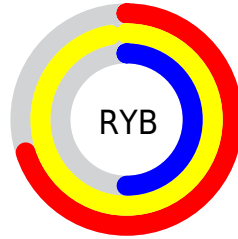
The RGB color **247, 212, 128** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **128, 163, 247**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 182**, and **188, 158, 77** is the 20% darker color. If you saturate the color by 10%, you get **247, 205, 103**, and if you desaturate by 10%, it is **247, 219, 153**.

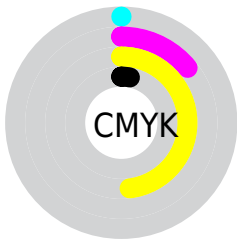
Distribution



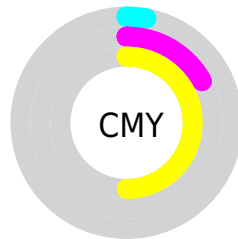
- Red (97%)
- Green (83%)
- Blue (50%)



- Red (70%)
- Yellow (97%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (48%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RGB color 247, 212, 128 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 247, 212, 128 by changing the saturation by 10% instead.

 247, 212, 128

 247, 212, 128


255, 255, 255

 217, 184, 102

 255, 255, 182

 188, 158, 77

 255, 255, 210

 160, 132, 52

 255, 255, 239

 132, 107, 26

 105, 83, 0

 79, 60, 0

 53, 38, 0

 29, 18, 0


 0, 0, 0

 247, 212, 128


 247, 212, 128

 247, 205, 103

 247, 219, 153

 247, 197, 79

 247, 227, 177

 247, 190, 54

 247, 234, 202

 247, 183, 29

 247, 241, 227

 247, 176, 5

 247, 248, 252

 247, 174, 0

 247, 255, 255

Harmonies

Analogous

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



255, 197, 143



247, 212, 128



202, 225, 137

Triad

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



247, 212, 128



4, 238, 255



255, 190, 255

Complementary

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



247, 212, 128



128, 163, 247

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.



216, 206, 255



247, 212, 128



63, 232, 255

Square

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



247, 212, 128



90, 239, 211



146, 221, 255



255, 182, 221

Rectangle

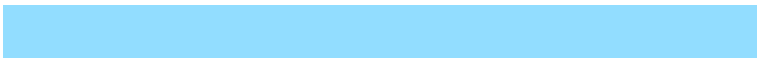
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 212, 128



169, 232, 156



146, 221, 255



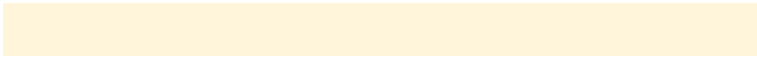
253, 195, 255

Sweetspot

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



247, 212, 128



255, 245, 219



247, 128, 164



128, 121, 106



0, 0, 0



128, 128, 128

Same Dimension

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



247, 212, 128



255, 212, 107



223, 247, 128



122, 119, 110



186, 131, 0



59, 41, 0

Inverse Universe

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



128, 163, 247



107, 151, 255



152, 128, 247



110, 114, 122



0, 55, 186



0, 17, 59

Previews

White Background



This preview shows how the RGB color 247, 212, 128 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 247, 212, 128 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 247, 212, 128 Background



This preview shows how black text looks on a background with the RGB color 247, 212, 128.



This preview shows how white text looks on a background with the RGB color 247, 212, 128.

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
247, 212, 128

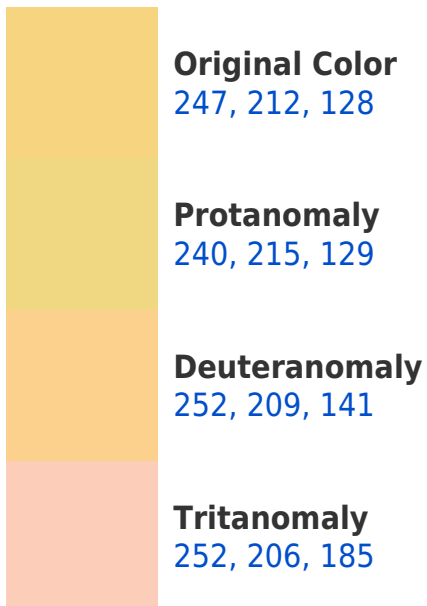
Protanopia
236, 216, 129

Deuteranopia
255, 208, 148

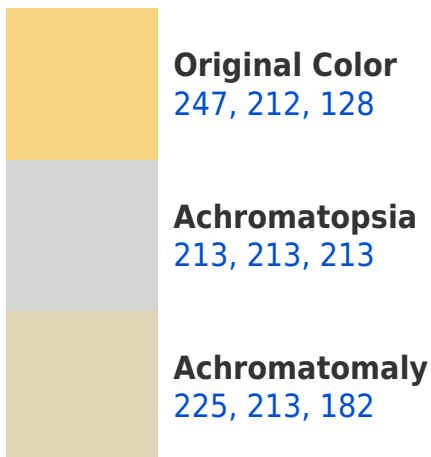


Tritanopia
255, 202, 217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 212, 128 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(247, 212, 128)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 128)  
}
```

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(247, 212, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 128) }
```

Border

The CSS property to change the border of an element to RGB 247, 212, 128 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(247, 212, 128) }
```

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

```
.border{ border-color:rgb(247, 212, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 128);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 247, 212, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 128) }
```

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

```
.background{ background-color: rgb(247,  
212, 128) }
```

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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