

Converting Colors

RGB(242, 196, 122)

Have a look what the booklet for
RGB(242, 196, 122) contains.

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Color

RGB(242, 196, 122)

Conversions

Conversions Part 1

Format	Color
Hex	F2C47A
RGB	242, 196, 122
RGB Percent	95%, 77%, 48%
CMY	0.0510, 0.2314, 0.5216
CMYK	0.00, 0.19, 0.50, 0.05
HSL	37°, 82%, 71%
HSV	37°, 50%, 95%
XYZ	59.8707, 59.7622, 26.7921
YIQ	201.3180, 51.1700, -13.2620

Conversions

Conversions Part 2

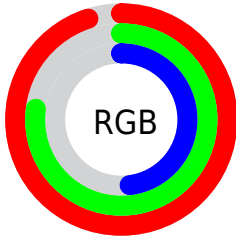
Format	Color
R_{YB}	197, 242, 122
Decimal	15910010
CIE Lab	81.71, 7.45, 43.14
CIE LCh	82, 43.775, 80.200
Yxy	59.7622, 0.4089, 0.4081
Android (android.graphics.Color)	4294100090 (0xFFFF2C47A)
YUV	201.3180, -39.1038, 35.6781
Hunter-Lab	77.3060, 2.9562, 33.5660

Details

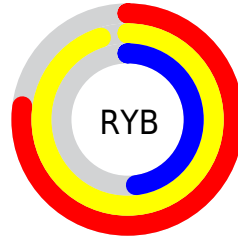
The RGB color **242, 196, 122** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **122, 168, 242**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 252, 176**, and **183, 142, 71** is the 20% darker color. If you saturate the color by 10%, you get **242, 187, 98**, and if you desaturate by 10%, it is **242, 205, 146**.

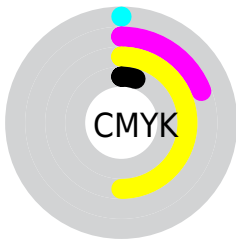
Distribution



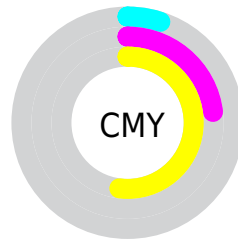
- Red (95%)
- Green (77%)
- Blue (48%)



- Red (77%)
- Yellow (95%)
- Blue (48%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 196, 122 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 242, 196, 122 by changing the saturation by 10% instead.

 242, 196, 122

 242, 196, 122

255, 255, 255

 212, 169, 96

 255, 252, 176

 183, 142, 71

 255, 255, 203

 155, 117, 47

 255, 255, 232

 127, 92, 22

 100, 69, 0

 74, 47, 0


 48, 26, 0

 23, 0, 0


 0, 0, 0

 242, 196, 122


 242, 196, 122

 242, 187, 98

 242, 205, 146

 242, 177, 74

 242, 215, 170

 242, 168, 49

 242, 224, 195

 242, 159, 25

 242, 233, 219

 242, 150, 1

 242, 242, 243

 242, 149, 0

 242, 252, 255

 242, 255, 255

Harmonies

Analogous

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



255, 182, 142



242, 196, 122



202, 209, 125

Triad

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



242, 196, 122



32, 225, 230



242, 183, 255

Complementary

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



242, 196, 122



122, 168, 242

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.



188, 197, 255



242, 196, 122



37, 221, 255

Square

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



242, 196, 122



101, 224, 188



119, 211, 255



255, 172, 218

Rectangle

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



242, 196, 122



171, 216, 139



119, 211, 255



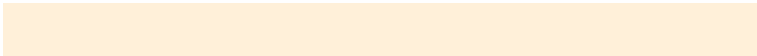
226, 187, 255

Sweetspot

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



242, 196, 122



255, 240, 217



242, 122, 168



128, 119, 105



0, 0, 0



128, 128, 128

Same Dimension

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



242, 196, 122



255, 196, 102



228, 242, 122



120, 115, 108



184, 113, 0



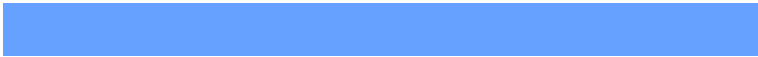
56, 35, 0

Inverse Universe

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



122, 168, 242



102, 161, 255



136, 122, 242



108, 112, 120



0, 70, 184



0, 22, 56

Previews

White Background



This preview shows how the RGB color 242, 196, 122 looks on a white background.

Color Contrast Check

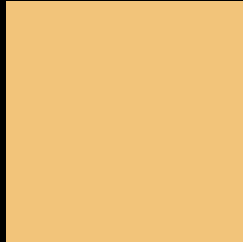
Large Text (above 18pt) WCAG AA × Fail

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 242, 196, 122 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 242, 196, 122 Background



This preview shows how black text looks on a background with the RGB color 242, 196, 122.



This preview shows how white text looks on a background with the RGB color 242, 196, 122.

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
242, 196, 122

Protanopia
222, 203, 125

Deuteranopia
247, 194, 122



Tritanopia
249, 186, 201

Trichromacy



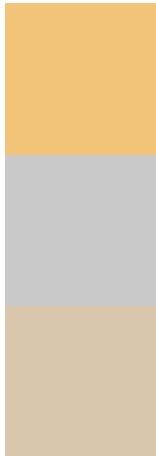
Original Color
242, 196, 122

Protanomaly
229, 200, 124

Deuteranomaly
245, 195, 122

Tritanomaly
246, 190, 172

Monochromacy



Original Color
242, 196, 122

Achromatopsia
201, 201, 201

Achromatomaly
216, 199, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 196, 122 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(242, 196, 122)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 122)  
}
```

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(242, 196, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 122) }
```

Border

The CSS property to change the border of an element to RGB 242, 196, 122 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(242, 196, 122) }
```

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

```
.border{ border-color:rgb(242, 196, 122) }
```

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

Here you see how a box with a 4 pixel rgb(242, 196, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 122);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 242, 196, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 122) }
```

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

```
.background{ background-color: rgb(242,  
196, 122) }
```

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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