

Converting Colors

RGB(242, 208, 121)

Have a look what the booklet for
RGB(242, 208, 121) contains.

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Color

RGB(242, 208, 121)

Conversions

Conversions Part 1

Format	Color
Hex	F2D079
RGB	242, 208, 121
RGB Percent	95%, 82%, 47%
CMY	0.0510, 0.1843, 0.5255
CMYK	0.00, 0.14, 0.50, 0.05
HSL	43°, 82%, 71%
HSV	43°, 50%, 95%
XYZ	62.6250, 65.3695, 27.4060
YIQ	208.2480, 48.1910, -19.8490

Conversions

Conversions Part 2

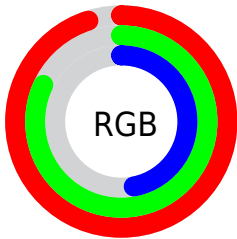
Format	Color
R_{YB}	168, 242, 121
Decimal	15913081
CIE _{Lab}	84.67, 1.15, 47.30
CIE _{LCh}	85, 47.312, 88.613
Yxy	65.3695, 0.4030, 0.4207
Android (android.graphics.Color)	4294103161 (0xFFFF2D079)
YUV	208.2480, -43.0133, 29.6005
Hunter-Lab	80.8514, -3.2293, 36.4986

Details

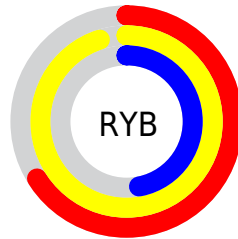
The RGB color **242, 208, 121** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **121, 155, 242**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 175**, and **184, 154, 70** is the 20% darker color. If you saturate the color by 10%, you get **242, 201, 97**, and if you desaturate by 10%, it is **242, 215, 145**.

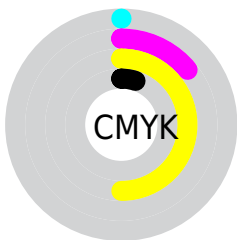
Distribution



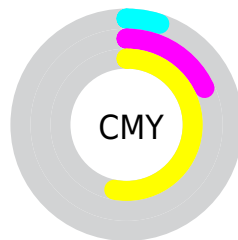
- Red (95%)
- Green (82%)
- Blue (47%)



- Red (66%)
- Yellow (95%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (50%)
- Black (5%)


















- Cyan (5%)
- Magenta (18%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 208, 121 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, 208, 121 by changing the saturation by 10% instead.

 242, 208, 121	 242, 208, 121
 255, 255, 255	 213, 181, 95
 255, 255, 175	 184, 154, 70
 255, 255, 203	 155, 128, 44
 255, 255, 231	 127, 103, 17
	 100, 79, 0
	 74, 57, 0
	 48, 35, 0
	 24, 15, 0
	 0, 0, 0

 242, 208, 121


 242, 208, 121

 242, 201, 97

 242, 215, 145

 242, 194, 73

 242, 222, 169

 242, 188, 48

 242, 228, 194

 242, 181, 24

 242, 235, 218

 242, 174, 0

 242, 242, 242

 242, 249, 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, 192, 136



242, 208, 121



196, 221, 131

Triad

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



242, 208, 121



0, 234, 253



255, 185, 255

Complementary

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



242, 208, 121



121, 155, 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.



213, 201, 255



242, 208, 121



39, 228, 255

Square

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



242, 208, 121



76, 235, 208



140, 216, 255



255, 176, 215

Rectangle

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



242, 208, 121



161, 228, 151



140, 216, 255



251, 190, 255

Sweetspot

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



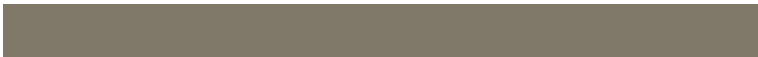
242, 208, 121



255, 244, 217



242, 121, 155



128, 121, 105



0, 0, 0



128, 128, 128

Same Dimension

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



242, 208, 121



255, 212, 102



216, 242, 121



120, 116, 108



184, 132, 0



56, 40, 0

Inverse Universe

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



121, 155, 242



102, 145, 255



147, 121, 242



108, 111, 120



0, 52, 184



0, 16, 56

Previews

White Background



This preview shows how the RGB color 242, 208, 121 looks on a white background.

Color Contrast Check

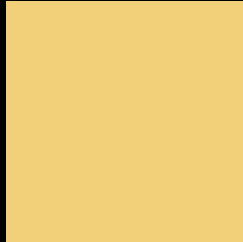
Large Text (above 18pt) WCAG AA × Fail

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, 208, 121 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, 208, 121 Background



This preview shows how black text looks on a background with the RGB color 242, 208, 121.



This preview shows how white text looks on a background with the RGB color 242, 208, 121.

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, 208, 121

Protanopia
232, 212, 122

Deuteranopia
255, 202, 130



Tritanopia
251, 197, 213

Trichromacy



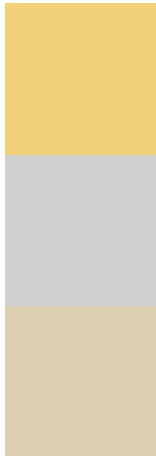
Original Color
242, 208, 121

Protanomaly
236, 211, 122

Deuteranomaly
250, 204, 127

Tritanomaly
248, 201, 180

Monochromacy



Original Color
242, 208, 121

Achromatopsia
208, 208, 208

Achromatomaly
220, 208, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 208, 121 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, 208, 121)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 121)  
}
```

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, 208, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 121) }
```

Border

The CSS property to change the border of an element to RGB 242, 208, 121 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, 208, 121) }
```

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

```
.border{ border-color:rgb(242, 208, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 208, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 121);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 242, 208, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 208, 121) }
```

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

```
.background{ background-color: rgb(242,  
208, 121) }
```

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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