

Converting Colors

RGB(231, 212, 120)

Have a look what the booklet for
RGB(231, 212, 120) contains.

RGB(231, 212, 120)	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(231, 212, 120)

Conversions

Conversions Part 1

Format	Color
Hex	E7D478
RGB	231, 212, 120
RGB Percent	91%, 83%, 47%
CMY	0.0941, 0.1686, 0.5294
CMYK	0.00, 0.08, 0.48, 0.09
HSL	50°, 70%, 69%
HSV	50°, 48%, 91%
XYZ	59.8886, 65.4320, 27.2425
YIQ	207.1930, 40.8560, -24.5840

Conversions

Conversions Part 2

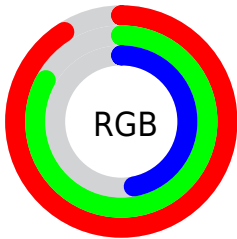
Format	Color
RYB	143, 231, 120
Decimal	15193208
CIELab	84.71, -5.42, 47.61
CIELCh	85, 47.913, 96.501
Yxy	65.4320, 0.3926, 0.4289
Android (android.graphics.Color)	4293383288 (0xFFE7D478)
YUV	207.1930, -42.9861, 20.8787
Hunter-Lab	80.8900, -9.4013, 36.6551

Details

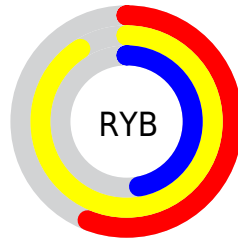
The RGB color **231, 212, 120** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **120, 139, 231**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 174**, and **173, 158, 69** is the 20% darker color. If you saturate the color by 10%, you get **231, 208, 97**, and if you desaturate by 10%, it is **231, 216, 143**.

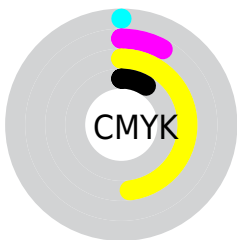
Distribution



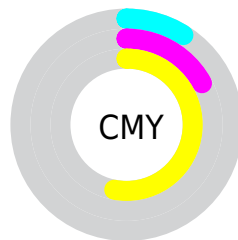
- Red (91%)
- Green (83%)
- Blue (47%)



- Red (56%)
- Yellow (91%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (48%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 212, 120 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 231, 212, 120 by changing the saturation by 10% instead.


 231, 212, 120

 231, 212, 120


255, 255, 255

 202, 184, 94

 255, 255, 174

 173, 158, 69

 255, 255, 202

 145, 132, 43

 255, 255, 230

 118, 107, 15

 92, 83, 0

 66, 60, 0


 41, 38, 0


 12, 18, 0


 0, 0, 0

 231, 212, 120


 231, 212, 120

 231, 208, 97


 231, 216, 143

 231, 204, 74


 231, 220, 166


 231, 200, 51


 231, 224, 189

 231, 196, 28

 231, 228, 212

 231, 192, 5

 231, 232, 235

 231, 191, 0

 231, 236, 255

 231, 240, 255

 231, 244, 255

 231, 248, 255

Harmonies

Analogous

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



255, 196, 129



231, 212, 120



183, 225, 137

Triad

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



231, 212, 120



0, 233, 255



255, 181, 248

Complementary

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



231, 212, 120



120, 139, 231

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.



229, 196, 255



231, 212, 120



67, 226, 255

Square

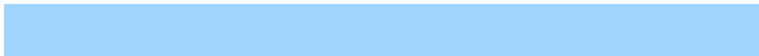
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 212, 120



46, 235, 220



160, 213, 255



255, 175, 203

Rectangle

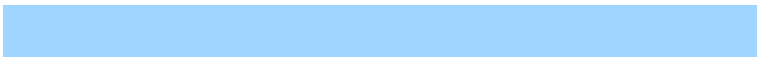
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231, 212, 120



146, 230, 160



160, 213, 255



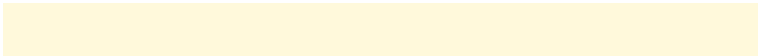
255, 185, 255

Sweetspot

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



231, 212, 120



255, 249, 219



231, 120, 140



128, 124, 106



0, 0, 0



128, 128, 128

Same Dimension

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



231, 212, 120



255, 230, 107



196, 231, 120



115, 113, 103



179, 148, 0



51, 42, 0

Inverse Universe

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



120, 139, 231



107, 132, 255



155, 120, 231



103, 105, 115



0, 31, 179



0, 9, 51

Previews

White Background



This preview shows how the RGB color 231, 212, 120 looks on a white background.

Color Contrast Check

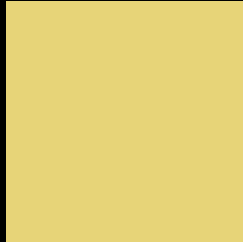
Large Text (above 18pt) WCAG AA × Fail

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 231, 212, 120 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 231, 212, 120 Background



This preview shows how black text looks on a background with the RGB color 231, 212, 120.



This preview shows how white text looks on a background with the RGB color 231, 212, 120.

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
231, 212, 120

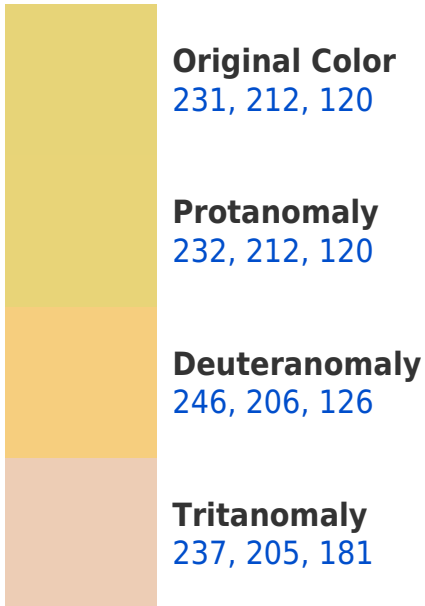
Protanopia
232, 212, 120

Deuteranopia
255, 202, 130



Tritanopia
241, 201, 216

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 212, 120 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(231, 212, 120)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 120)  
}
```

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(231, 212, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 120) }
```

Border

The CSS property to change the border of an element to RGB 231, 212, 120 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(231, 212, 120) }
```

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

```
.border{ border-color:rgb(231, 212, 120) }
```

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

Here you see how a box with a 4 pixel rgb(231, 212, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 120);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 231, 212, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 120) }
```

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

```
.background{ background-color: rgb(231,  
212, 120) }
```

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