

Converting Colors

`RYB(225, 209, 138)`

Have a look what the booklet for
RYB(225, 209, 138) contains.

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Color

R_YB(225, 209, 138)

Conversions

Conversions Part 1

Format	Color
Hex	E1B18A
RGB	225, 177, 138
RGB Percent	88%, 69%, 54%
CMY	0.1176, 0.3055, 0.4588
CMYK	0.00, 0.21, 0.39, 0.12
HSL	27°, 59%, 71%
HSV	27°, 39%, 88%
XYZ	51.3797, 49.3243, 30.8573
YIQ	186.9060, 41.1270, -1.9530

Conversions

Conversions Part 2

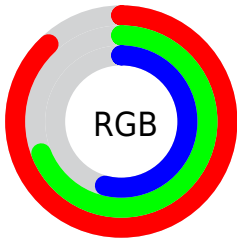
Format	Color
R _Y B	225, 209, 138
Decimal	14791050
CIE Lab	75.65, 12.25, 26.65
CIE LCh	76, 29.333, 65.312
Yxy	49.3243, 0.3905, 0.3749
Android (android.graphics.Color)	4292981130 (0xFFE1B18A)
YUV	186.9060, -24.1107, 33.4084
Hunter-Lab	70.2313, 7.6820, 23.1118

Details

The RYB color **225, 209, 138** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **138, 169, 225**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **226, 255, 192**, and **168, 153, 88** is the 20% darker color. If you saturate the color by 10%, you get **225, 207, 115**, and if you desaturate by 10%, it is **225, 212, 160**.

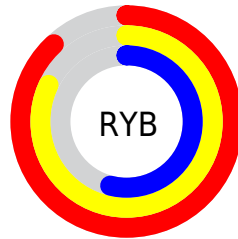
Distribution



Red (88%)

Green (69%)

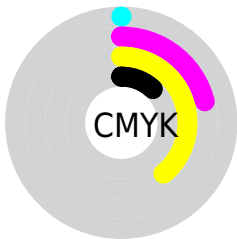
Blue (54%)



Red (88%)

Yellow (82%)

Blue (54%)

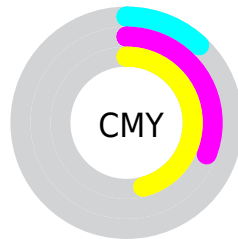


Cyan (0%)

Magenta (21%)

Yellow (39%)

Black (12%)



Cyan (12%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 209, 138 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 RYB color 225, 209, 138 by changing the saturation by 10% instead.


 225, 209, 138

 225, 209, 138


255, 255, 255

 196, 181, 112

 226, 255, 192

 168, 157, 88

 220, 255, 220

 141, 132, 64

 248, 255, 248

 114, 108, 41

 87, 85, 20

 63, 61, 0

 38, 14, 0


 0, 0, 0

 225, 209, 138


 225, 209, 138

 225, 207, 115


 225, 212, 160

 225, 200, 93


 225, 218, 183

 225, 198, 70

 225, 220, 206

 225, 194, 48

 225, 226, 228

 225, 189, 25

 225, 234, 251

 225, 185, 3

 225, 239, 255

 225, 183, 0

 225, 240, 255

Harmonies

Analogous

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



239, 171, 156



225, 209, 138



151, 201, 132

Triad

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



225, 209, 138



113, 161, 202



197, 178, 231

Complementary

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



225, 209, 138



138, 169, 225

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.



159, 180, 240



225, 209, 138



104, 156, 217

Square

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



225, 209, 138



140, 183, 200



123, 167, 235



225, 170, 210

Rectangle

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



225, 209, 138



137, 192, 147



123, 167, 235



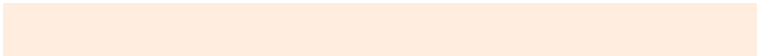
185, 181, 235

Sweetspot

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



225, 209, 138



255, 250, 224



225, 138, 187



128, 124, 110



0, 0, 0



128, 128, 128

Same Dimension

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



225, 209, 138



255, 232, 138



144, 225, 138



112, 110, 101



176, 143, 0



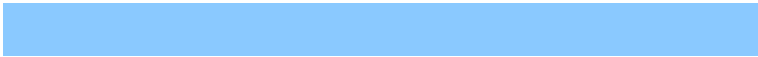
48, 41, 0

Inverse Universe

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



138, 169, 225



138, 179, 255



138, 144, 225



101, 105, 112



0, 63, 176



0, 17, 48

Previews

White Background



This preview shows how the RYB color 225, 209, 138 looks on a white background.

Color Contrast Check

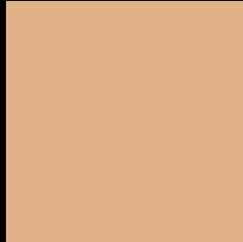
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 225, 209, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

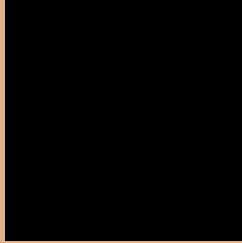
Any Text WCAG AA ✓ Pass

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](#).

RYB 225, 209, 138 Background



This preview shows how black text looks on a background with the RYB color 225, 209, 138.



This preview shows how white text looks on a background with the RYB color 225, 209, 138.

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
225, 209, 138

Protanopia
160, 200, 142

Deuteranopia
221, 219, 138



Tritanopia
230, 171, 184

Trichromacy



Original Color

225, 209, 138

Protanomaly

183, 209, 141

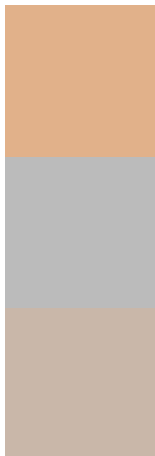
Deuteranomaly

222, 214, 138

Tritanomaly

228, 174, 167

Monochromacy



Original Color

225, 209, 138

Achromatopsia

187, 187, 187

Achromatomaly

201, 194, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 209, 138 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(225, 177, 138)` looks like.

```
.text, #text, p{  
    color:rgb(225, 177, 138)  
}
```

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(225, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 177, 138) }
```

Border

The CSS property to change the border of an element to RYB 225, 209, 138 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(225, 177, 138) }
```

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

```
.border{ border-color:rgb(225, 177, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 177, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 177, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 177, 138); box-shadow:4px 4px 4px 4px rgb(225, 177, 138) }
```

Background

The CSS property to change the background color of an element to RGB 225, 209, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 177, 138) }
```

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

```
.background{ background-color: rgb(225,  
177, 138) }
```

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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