

Converting Colors

`RYB(224, 192, 138)`

Have a look what the booklet for
RYB(224, 192, 138) contains.

RYB(224, 192, 138)	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

R_YB(224, 192, 138)

Conversions

Conversions Part 1

Format	Color
Hex	E0AB8A
RGB	224, 171, 138
RGB Percent	88%, 67%, 54%
CMY	0.1216, 0.3287, 0.4588
CMYK	0.00, 0.24, 0.38, 0.12
HSL	23°, 58%, 71%
HSV	23°, 38%, 88%
XYZ	49.9232, 46.8729, 30.4609
YIQ	183.0850, 42.1810, 0.9730

Conversions

Conversions Part 2

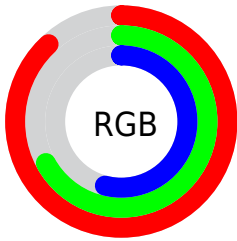
Format	Color
R_{YB}	224, 192, 138
Decimal	14723978
CIE _{Lab}	74.11, 15.02, 24.55
CIE _{LCh}	74, 28.785, 58.542
Yxy	46.8729, 0.3923, 0.3683
Android (android.graphics.Color)	4292914058 (0xFFE0AB8A)
YUV	183.0850, -22.2269, 35.8825
Hunter-Lab	68.4638, 10.3491, 21.5454

Details

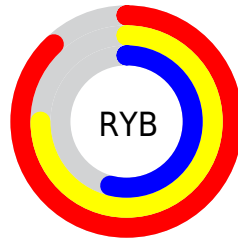
The RYB color **224, 192, 138** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **138, 171, 224**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **246, 255, 192**, and **167, 139, 88** is the 20% darker color. If you saturate the color by 10%, you get **224, 182, 116**, and if you desaturate by 10%, it is **224, 201, 160**.

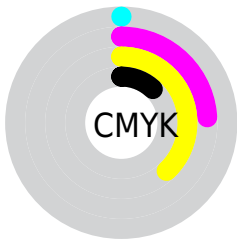
Distribution



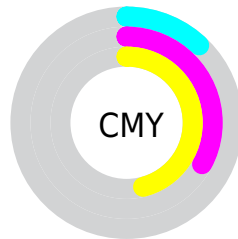
- Red (88%)
- Green (67%)
- Blue (54%)



- Red (88%)
- Yellow (75%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (38%)
- Black (12%)




- Cyan (12%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 192, 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 224, 192, 138 by changing the saturation by 10% instead.

 224, 192, 138

 224, 192, 138

255, 255, 255

 195, 167, 112

 242, 255, 192

 167, 139, 88

 220, 255, 220

 139, 114, 64

 248, 255, 248


 113, 88, 42


 86, 69, 20


 62, 45, 0

 37, 3, 0


 0, 0, 0

 224, 192, 138


 224, 192, 138

 224, 182, 116


 224, 201, 160

 224, 177, 93


 224, 209, 183

 224, 167, 71

 224, 216, 205

 224, 159, 48


 224, 225, 228

 224, 149, 26

 224, 234, 250

 224, 143, 4

 224, 239, 255

 224, 140, 0

 224, 240, 255

Harmonies

Analogous

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



235, 165, 158



224, 192, 138



160, 202, 129

Triad

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



224, 192, 138



116, 161, 197



184, 176, 229

Complementary

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



224, 192, 138



138, 171, 224

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.



147, 174, 235



224, 192, 138



101, 151, 206

Square

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



224, 192, 138



144, 186, 194



114, 160, 226



215, 167, 210

Rectangle

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



224, 192, 138



132, 186, 134



114, 160, 226



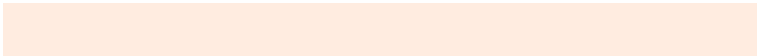
172, 178, 232

Sweetspot

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



224, 192, 138



255, 244, 224



224, 138, 191



128, 121, 110



0, 0, 0



128, 128, 128

Same Dimension

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



224, 192, 138



255, 211, 138



149, 224, 138



112, 107, 101



176, 111, 0



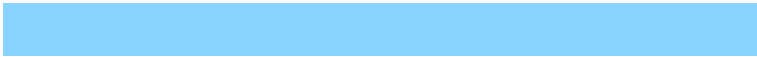
48, 31, 0

Inverse Universe

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



138, 171, 224



138, 183, 255



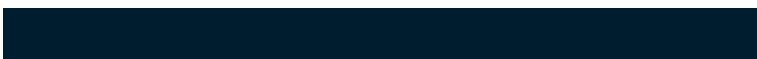
138, 147, 224



101, 105, 112



0, 67, 176



0, 18, 48

Previews

White Background



This preview shows how the RYB color 224, 192, 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 224, 192, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

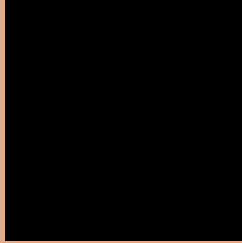
Any Text WCAG AA ✓ Pass

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](#).

R Y B 224, 192, 138 Background



This preview shows how black text looks on a background with the RYB color 224, 192, 138.

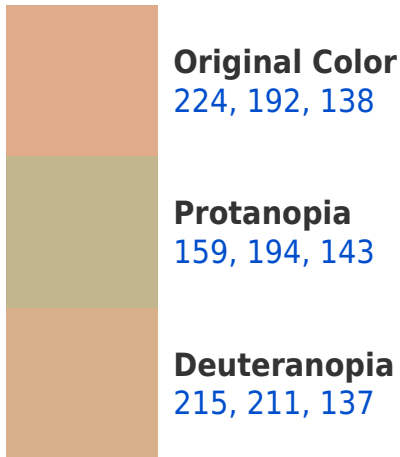


This preview shows how white text looks on a background with the RYB color 224, 192, 138.

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](#).

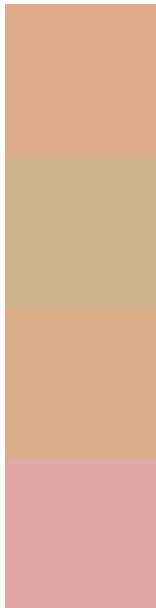
Dichromacy





Tritanopia
228, 166, 178

Trichromacy



Original Color
224, 192, 138

Protanomaly
188, 205, 141

Deuteranomaly
218, 205, 137

Tritanomaly
227, 168, 163

Monochromacy



Original Color
224, 192, 138

Achromatopsia
183, 183, 183

Achromatomaly
198, 187, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 192, 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(224, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(224, 171, 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(224, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 171, 138) }
```

Border

The CSS property to change the border of an element to RYB 224, 192, 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(224, 171, 138) }
```

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

```
.border{ border-color:rgb(224, 171, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 171, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 171, 138);  
box-shadow:4px 4px 4px 4px rgb(224, 171,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 224, 192, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 171, 138) }
```

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

```
.background{ background-color: rgb(224,  
171, 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](#).

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