

Converting Colors

`RYB(232, 185, 140)`

Have a look what the booklet for
RYB(232, 185, 140) contains.

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Color

R_YB(232, 185, 140)

Conversions

Conversions Part 1

Format	Color
Hex	E8AA8C
RGB	232, 170, 140
RGB Percent	91%, 67%, 55%
CMY	0.0902, 0.3325, 0.4510
CMYK	0.00, 0.27, 0.40, 0.09
HSL	20°, 67%, 73%
HSV	20°, 40%, 91%
XYZ	52.4281, 47.8809, 31.2896
YIQ	185.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

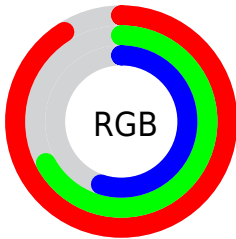
Format	Color
R _Y B	232, 185, 140
Decimal	15248012
CIE Lab	74.75, 18.90, 24.48
CIE LCh	75, 30.928, 52.342
Yxy	47.8809, 0.3984, 0.3638
Android (android.graphics.Color)	4293438092 (0xFFE8AA8C)
YUV	185.1180, -22.2432, 41.1155
Hunter-Lab	69.1960, 14.1521, 21.6270

Details

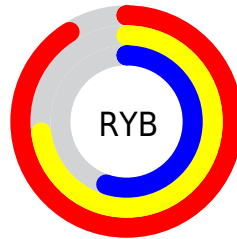
The RYB color **232, 185, 140** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **140, 177, 232**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **253, 255, 194**, and **174, 132, 90** is the 20% darker color. If you saturate the color by 10%, you get **232, 174, 117**, and if you desaturate by 10%, it is **232, 198, 163**.

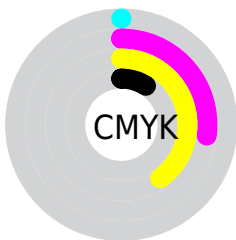
Distribution



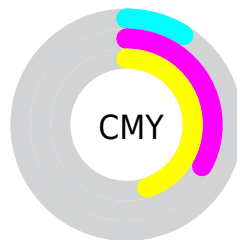
- Red (91%)
- Green (67%)
- Blue (55%)



- Red (91%)
- Yellow (73%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 185, 140 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 232, 185, 140 by changing the saturation by 10% instead.

 232, 185, 140

 232, 185, 140


255, 255, 255

 203, 159, 114

 249, 255, 194

 174, 132, 90

 223, 255, 222

 146, 107, 66

 250, 255, 250

 119, 83, 43


 93, 58, 22

 67, 37, 0

 42, 2, 0

 0, 0, 0

 232, 185, 140

 232, 185, 140

■ 232, 174, 117

■ 232, 198, 163

■ 232, 161, 94

■ 232, 208, 186

■ 232, 149, 70

■ 232, 220, 210

■ 232, 138, 47

■ 232, 233, 233

■ 232, 125, 24

■ 232, 241, 255

■ 232, 114, 1

■ 232, 244, 255

■ 232, 113, 0

Harmonies

Analogous

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



241, 164, 164



232, 185, 140



177, 211, 128

Triad

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



232, 185, 140



117, 165, 199



178, 179, 236

Complementary

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



232, 185, 140



140, 177, 232

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.



136, 171, 240



232, 185, 140



95, 148, 205

Square

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



232, 185, 140



148, 196, 195



102, 156, 228



213, 170, 219

Rectangle

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



232, 185, 140



135, 192, 128



102, 156, 228



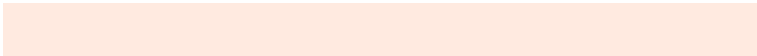
164, 179, 239

Sweetspot

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



232, 185, 140



255, 239, 224



232, 140, 203



128, 119, 110



0, 0, 0



128, 128, 128

Same Dimension

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



232, 185, 140



255, 193, 133



161, 232, 140



115, 109, 103



179, 88, 0



51, 26, 0

Inverse Universe

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



140, 177, 232



133, 182, 255



140, 154, 232



103, 108, 115



0, 72, 179



0, 20, 51

Previews

White Background



This preview shows how the RYB color 232, 185, 140 looks on a white background.

Color Contrast Check

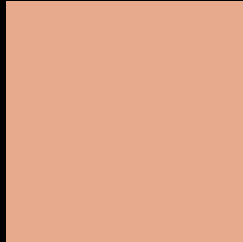
Large Text (above 18pt) WCAG AA × Fail

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 232, 185, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

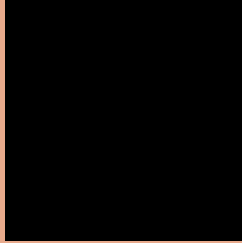
Any Text WCAG AA ✓ Pass

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 232, 185, 140 Background



This preview shows how black text looks on a background with the RYB color 232, 185, 140.

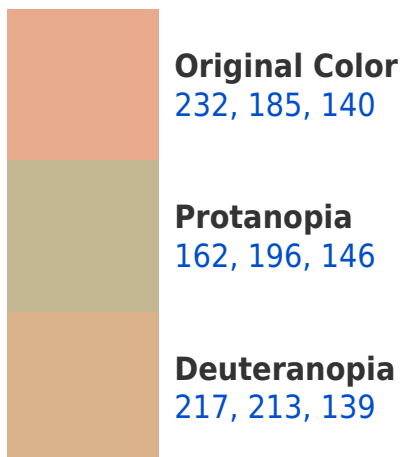



This preview shows how white text looks on a background with the RYB color 232, 185, 140.

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](#).

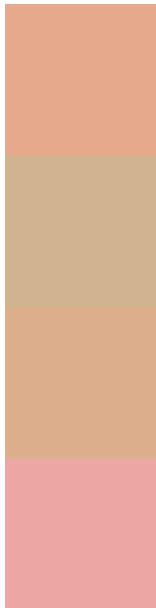
Dichromacy





Tritanopia
236, 165, 178

Trichromacy



Original Color
232, 185, 140

Protanomaly
200, 209, 144

Deuteranomaly
222, 203, 139

Tritanomaly
235, 167, 164

Monochromacy



Original Color
232, 185, 140

Achromatopsia
185, 185, 185

Achromatomaly
202, 186, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 185, 140 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(232, 170, 140)` looks like.

```
.text, #text, p{  
  color:rgb(232, 170, 140)  
}
```

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(232, 170, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 170, 140) }
```

Border

The CSS property to change the border of an element to RYB 232, 185, 140 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(232, 170, 140) }
```

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

```
.border{ border-color:rgb(232, 170, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 170, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 170, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 170, 140);  
box-shadow:4px 4px 4px 4px rgb(232, 170,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 232, 170, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 170, 140) }
```

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

```
.background{ background-color: rgb(232,  
170, 140) }
```

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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