

Converting Colors

`RYB(232, 175, 149)`

Have a look what the booklet for
RYB(232, 175, 149) contains.

RYB(232, 175, 149)	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(232, 175, 149)

Conversions

Conversions Part 1

Format	Color
Hex	E8A995
RGB	232, 169, 149
RGB Percent	91%, 66%, 58%
CMY	0.0902, 0.3380, 0.4157
CMYK	0.00, 0.27, 0.36, 0.09
HSL	14°, 64%, 75%
HSV	14°, 36%, 91%
XYZ	52.8540, 47.6266, 34.8409
YIQ	185.5570, 43.9680, 7.1360

Conversions

Conversions Part 2

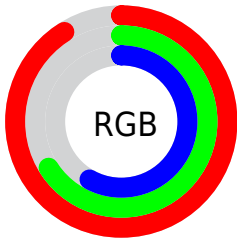
Format	Color
R _Y B	232, 175, 149
Decimal	15247765
CIE Lab	74.59, 20.70, 19.39
CIE LCh	75, 28.361, 43.136
Yxy	47.6266, 0.3906, 0.3520
Android (android.graphics.Color)	4293437845 (0xFFE8A995)
YUV	185.5570, -18.0226, 40.7305
Hunter-Lab	69.0120, 15.9360, 18.3757

Details

The RYB color **232, 175, 149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **149, 185, 232**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 238, 203**, and **175, 123, 98** is the 20% darker color. If you saturate the color by 10%, you get **232, 159, 126**, and if you desaturate by 10%, it is **232, 190, 172**.

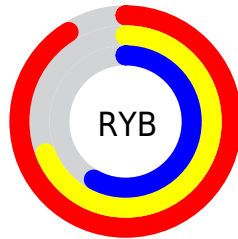
Distribution



Red (91%)

Green (66%)

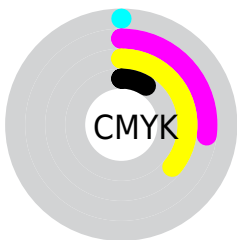
Blue (58%)



Red (91%)

Yellow (69%)

Blue (58%)

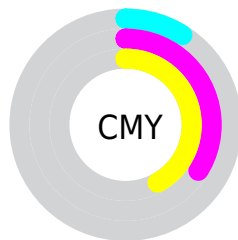


Cyan (0%)

Magenta (27%)

Yellow (36%)

Black (9%)



Cyan (9%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RYB color 232, 175, 149 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, 175, 149 by changing the saturation by 10% instead.

 232, 175, 149

 232, 175, 149

255, 255, 255

 203, 148, 123

 255, 238, 203

 175, 121, 98

 233, 255, 231

 147, 96, 74

 120, 73, 52


 93, 50, 30


 68, 29, 7

 43, 0, 0


 0, 0, 0

 232, 175, 149


 232, 175, 149

 232, 159, 126

 232, 190, 172

 232, 142, 103

 232, 207, 195

 232, 128, 79

 232, 223, 219

 232, 111, 56

 232, 236, 242

 232, 95, 33

 232, 244, 255

 232, 80, 10

 232, 72, 0

Harmonies

Analogous

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



236, 165, 173



232, 175, 149



208, 216, 134

Triad

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



232, 175, 149



132, 174, 197



167, 179, 234

Complementary

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



232, 175, 149



149, 185, 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.



131, 168, 233



232, 175, 149



109, 155, 198

Square

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



232, 175, 149



145, 193, 177



107, 156, 218



202, 173, 222

Rectangle

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



232, 175, 149



154, 200, 131



107, 156, 218



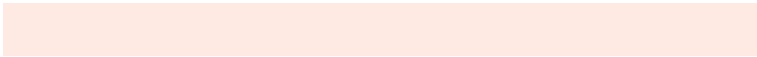
155, 177, 235

Sweetspot

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



232, 175, 149



255, 236, 227



232, 149, 213



128, 116, 111



0, 0, 0



128, 128, 128

Same Dimension

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



232, 175, 149



255, 181, 145



179, 232, 149



115, 107, 103



179, 57, 0



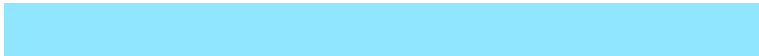
51, 16, 0

Inverse Universe

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



149, 185, 232



145, 193, 255



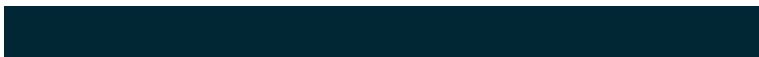
149, 166, 232



103, 108, 115



0, 77, 179



0, 22, 51

Previews

White Background



This preview shows how the RYB color 232, 175, 149 looks on a white background.

Color Contrast Check

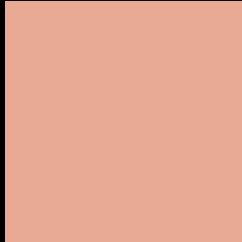
Large Text (above 18pt) WCAG AA × Fail

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, 175, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

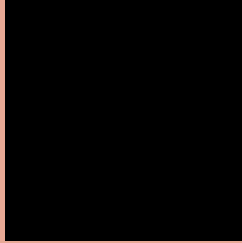
Any Text WCAG AA ✓ Pass

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 232, 175, 149 Background



This preview shows how black text looks on a background with the RGB color 232, 175, 149.

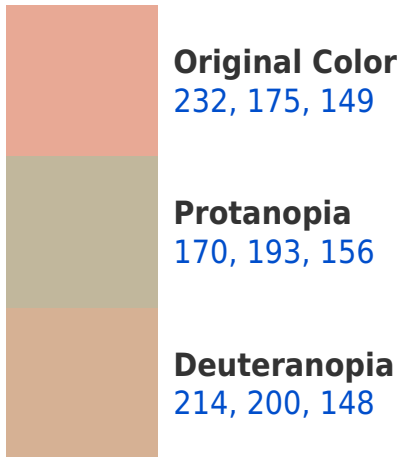



This preview shows how white text looks on a background with the RGB color 232, 175, 149.

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](#).

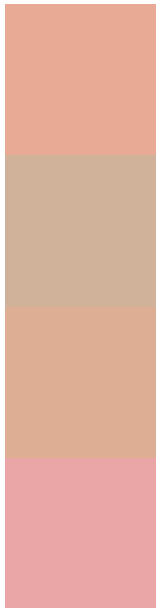
Dichromacy





Tritanopia
235, 165, 177

Trichromacy



Original Color

232, 175, 149

Protanomaly

207, 200, 153

Deuteranomaly

221, 188, 148

Tritanomaly

234, 166, 167

Monochromacy



Original Color

232, 175, 149

Achromatopsia

185, 185, 185

Achromatomaly

202, 181, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 175, 149 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, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(232, 169, 149)  
}
```

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, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 169, 149) }
```

Border

The CSS property to change the border of an element to RYB 232, 175, 149 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, 169, 149) }
```

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

```
.border{ border-color:rgb(232, 169, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(232, 169,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 232, 175, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 169, 149) }
```

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

```
.background{ background-color: rgb(232,  
169, 149) }
```

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