

Converting Colors

`RYB(219, 189, 125)`

Have a look what the booklet for
RYB(219, 189, 125) contains.

RYB(219, 189, 125)	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(219, 189, 125)

Conversions

Conversions Part 1

Format	Color
Hex	DBA37D
RGB	219, 163, 125
RGB Percent	86%, 64%, 49%
CMY	0.1412, 0.3605, 0.5098
CMYK	0.00, 0.26, 0.43, 0.14
HSL	24°, 57%, 67%
HSV	24°, 43%, 86%
XYZ	46.0258, 42.7621, 25.2301
YIQ	175.4120, 45.5740, 0.0540

Conversions

Conversions Part 2

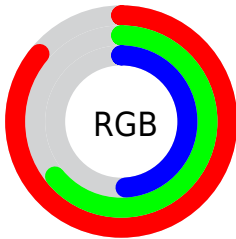
Format	Color
RYB	219, 189, 125
Decimal	14394237
CIELab	71.39, 15.94, 27.84
CIELCh	71, 32.077, 60.199
Yxy	42.7621, 0.4037, 0.3750
Android (android.graphics.Color)	4292584317 (0xFFDBA37D)
YUV	175.4120, -24.8531, 38.2267
Hunter-Lab	65.3927, 11.1975, 22.8994

Details

The RYB color **219, 189, 125** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125, 160, 219**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **249, 255, 178**, and **162, 135, 76** is the 20% darker color. If you saturate the color by 10%, you get **219, 182, 103**, and if you desaturate by 10%, it is **219, 196, 147**.

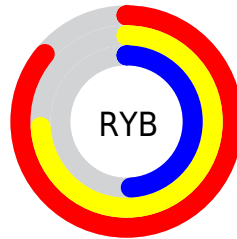
Distribution



Red (86%)

Green (64%)

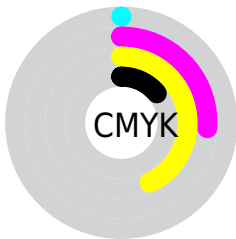
Blue (49%)



Red (86%)

Yellow (74%)

Blue (49%)

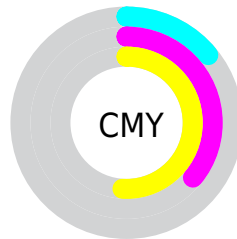


Cyan (0%)

Magenta (26%)

Yellow (43%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 189, 125 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 219, 189, 125 by changing the saturation by 10% instead.

 219, 189, 125


255, 255, 255

 249, 255, 178

 216, 255, 206

 234, 255, 234


 219, 189, 125

 190, 163, 100

 162, 135, 76

 134, 113, 52

 107, 88, 30


 81, 70, 7

 56, 31, 0

 33, 0, 0

 0, 0, 0

 219, 189, 125


 219, 189, 125

 219, 182, 103

 219, 196, 147

 219, 175, 81

 219, 202, 169

 219, 168, 59


 219, 209, 191

 219, 162, 37

 219, 216, 213

 219, 154, 16

 219, 225, 234

 219, 150, 0

 219, 233, 255

 219, 237, 255

 219, 237, 255

Harmonies

Analogous

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



232, 156, 147



219, 189, 125



146, 195, 116

Triad

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



219, 189, 125



97, 149, 191



179, 167, 225

Complementary

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



219, 189, 125



125, 160, 219

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, 165, 233



219, 189, 125



77, 137, 203

Square

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



219, 189, 125



130, 176, 188



95, 149, 225



212, 158, 204

Rectangle

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



219, 189, 125



119, 179, 123



95, 149, 225



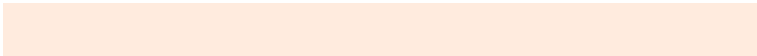
165, 170, 230

Sweetspot

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



219, 189, 125



255, 243, 222



219, 125, 181



128, 120, 107



0, 0, 0



128, 128, 128

Same Dimension

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



219, 189, 125



255, 213, 122



135, 219, 125



110, 105, 99



173, 118, 0



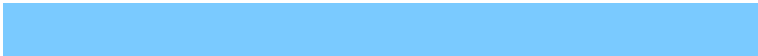
46, 32, 0

Inverse Universe

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



125, 160, 219



122, 172, 255



125, 133, 219



99, 103, 110



0, 65, 173



0, 17, 46

Previews

White Background



This preview shows how the RYB color 219, 189, 125 looks on a white background.

Color Contrast Check

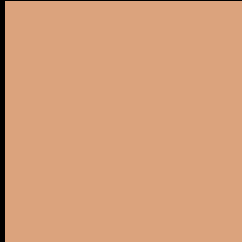
Large Text (above 18pt) WCAG AA × Fail

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 219, 189, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

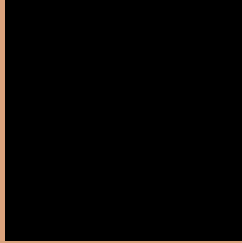
Any Text WCAG AA ✓ Pass

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 219, 189, 125 Background



This preview shows how black text looks on a background with the RYB color 219, 189, 125.

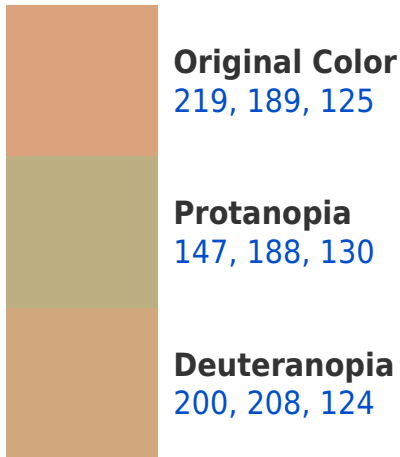


This preview shows how white text looks on a background with the RYB color 219, 189, 125.

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](#).

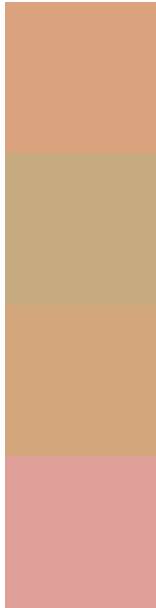
Dichromacy





Tritanopia
223, 157, 169

Trichromacy



Original Color
219, 189, 125

Protanomaly
174, 199, 128

Deuteranomaly
212, 204, 124

Tritanomaly
222, 160, 153

Monochromacy



Original Color
219, 189, 125

Achromatopsia
175, 175, 175

Achromatomaly
191, 181, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 189, 125 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(219, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 125)  
}
```

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(219, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 125) }
```

Border

The CSS property to change the border of an element to RYB 219, 189, 125 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(219, 163, 125) }
```

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

```
.border{ border-color:rgb(219, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 163, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 163, 125); box-shadow:4px 4px 4px 4px rgb(219, 163, 125) }
```

Background

The CSS property to change the background color of an element to RYB 219, 189, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 125) }
```

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

```
.background{ background-color: rgb(219,  
163, 125) }
```

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