

# Converting Colors

Hex(CD945B)

Have a look what the booklet for  
Hex(CD945B) contains.

<b>Hex(CD945B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CD945B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD945B
RGB	205, 148, 91
RGB Percent	80%, 58%, 36%
CMY	0.1961, 0.4196, 0.6431
CMYK	0.00, 0.28, 0.56, 0.20
HSL	30°, 53%, 58%
HSV	30°, 56%, 80%
XYZ	37.6551, 34.9143, 14.6520
YIQ	158.5450, 52.2690, -5.6430

# Conversions

## Conversions Part 2

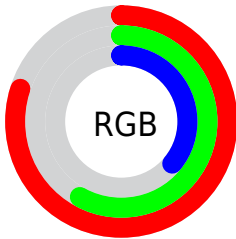
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 205, 91
Decimal	13472859
CIE <sub>Lab</sub>	65.68, 15.15, 38.34
CIE <sub>LCh</sub>	66, 41.226, 68.443
Yxy	34.9143, 0.4317, 0.4003
Android (android.graphics.Color)	4291662939 (0xFFCD945B)
YUV	158.5450, -33.2997, 40.7410
Hunter-Lab	59.0883, 10.3478, 26.6598

# Details

The Hex color **CD945B** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **5B94CD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFCA8E**, and **94612B** is the 20% darker color. If you saturate the color by 10%, you get **CD8A46**, and if you desaturate by 10%, it is **CD9E6F**.

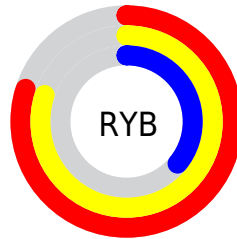
# Distribution



Red (80%)

Green (58%)

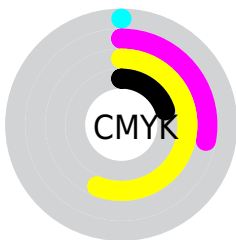
Blue (36%)



Red (80%)

Yellow (80%)

Blue (36%)

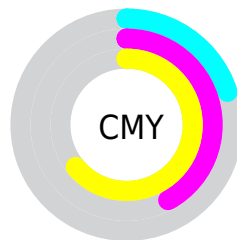


Cyan (0%)

Magenta (28%)

Yellow (56%)

Black (20%)



Cyan (20%)

Magenta (42%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD945B 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 Hex color CD945B by changing the saturation by 10% instead.



 CD945B

 CD945B

FFFFFF

 B07A43

 FFCA8E

 94612B

 FFE6A9

 784913

 FFFFC5

 5D3300

 FFFFFE1

 421D00

FFFFFFE

 290800

 000000

 CD945B

 CD945B

 CD8A46

 CD9E6F

 CD8032

 CDA984

 CD751D

 CDB399

 CD6B09

 CDBDAD

 CD6700

 CDC7C2

 CDD2D6

 CDDCEB

 CDE6FF

 CDF0FF

# Harmonies

## Analogous

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



E28873



CD945B



ADA155

# Triad

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



CD945B



00B3A9



B192DA

# Complementary

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



CD945B



5B94CD

# 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.



78A0E8



CD945B



00B1CC

# Square

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



CD945B



54B183



21ABE4



D686BC

# Rectangle

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



CD945B



93A85D



21ABE4



A097E1

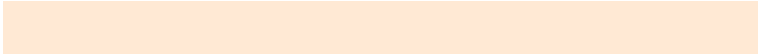


# Sweetspot

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



CD945B



FFE9D4



CD5B94



807366



000000



808080



# Same Dimension

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



CD945B



FFAA54



CDCD5B



66615C



A65300



261300



# Inverse Universe

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



5B94CD



54AAFF



5B5BCD



5C6166



0053A6

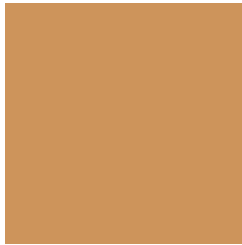


001326



# Previews

## White Background



This preview shows how the Hex color CD945B looks on a white background.

## Color Contrast Check

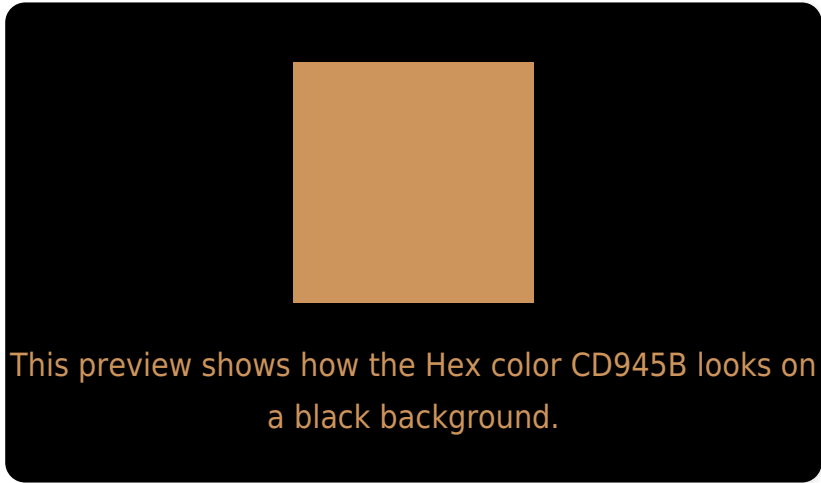
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

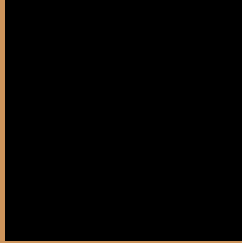
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CD945B Background



This preview shows how black text looks on a background with the Hex color CD945B.

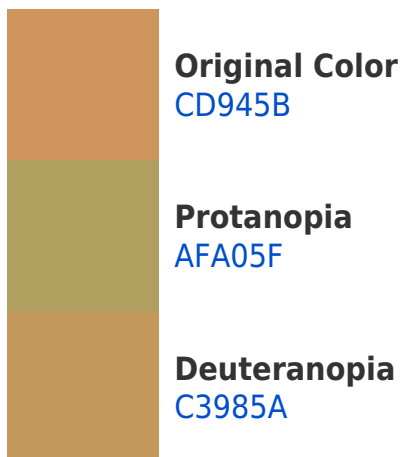


This preview shows how white text looks on a background with the Hex color CD945B.

# 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](#).

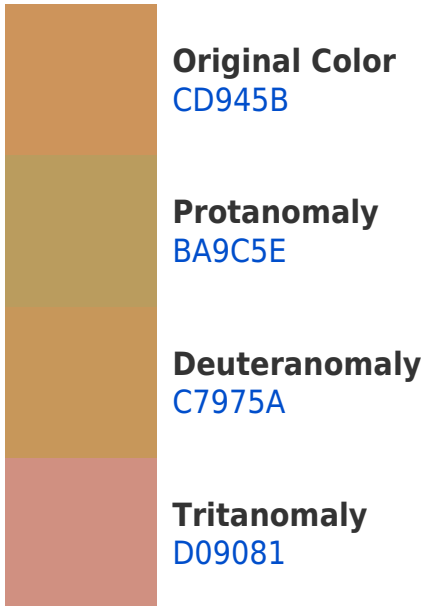
## Dichromacy



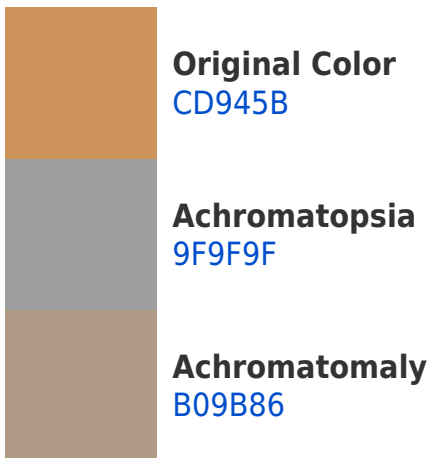


**Tritanopia**  
D28D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD945B 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 #CD945B looks like.

```
.text, #text, p{  
    color:#CD945B  
}
```

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 #CD945B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD945B
}
```

## Border

The CSS property to change the border of an element to Hex CD945B 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
#CD945B }
```

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

```
.border{ border-color:#CD945B }
```

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

Here you see how a box with a 4 pixel #CD945B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD945B; -webkit-box-shadow:4px 4px  
4px 4px #CD945B; box-shadow:4px 4px 4px  
4px #CD945B }
```

# Background

The CSS property to change the background color of an element to Hex CD945B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD945B }
```

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

```
.background{ background-color:#CD945B }
```

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