

# Converting Colors

Hex(CD716B)

Have a look what the booklet for  
Hex(CD716B) contains.

<b>Hex(CD716B)</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(CD716B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD716B
RGB	205, 113, 107
RGB Percent	80%, 44%, 42%
CMY	0.1961, 0.5569, 0.5804
CMYK	0.00, 0.45, 0.48, 0.20
HSL	4°, 49%, 61%
HSV	4°, 48%, 80%
XYZ	33.7358, 25.8509, 17.1216
YIQ	139.8240, 56.7580, 17.6380

# Conversions

## Conversions Part 2

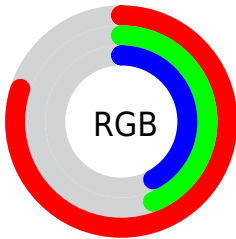
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 113, 107
Decimal	13463915
CIE <sub>Lab</sub>	57.90, 35.50, 19.46
CIE <sub>LCh</sub>	58, 40.482, 28.724
Yxy	25.8509, 0.4398, 0.3370
Android (android.graphics.Color)	4291653995 (0xFFCD716B)
YUV	139.8240, -16.1822, 57.1594
Hunter-Lab	50.8438, 29.4614, 15.6248

# Details

The Hex color **CD716B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6BC7CD**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA69E**, and **933E3C** is the 20% darker color. If you saturate the color by 10%, you get **CD5E56**, and if you desaturate by 10%, it is **CD847F**.

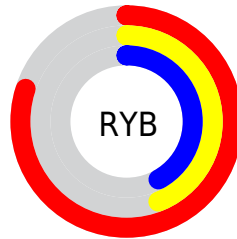
# Distribution



Red (80%)

Green (44%)

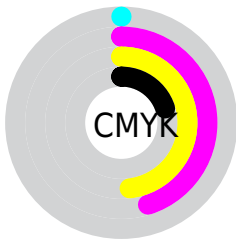
Blue (42%)



Red (80%)

Yellow (44%)

Blue (42%)

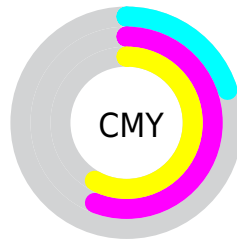


Cyan (0%)

Magenta (45%)

Yellow (48%)

Black (20%)



Cyan (20%)

Magenta (56%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD716B 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 CD716B by changing the saturation by 10% instead.



 CD716B

 CD716B

FFFFFF

 B05753

 FFA69E

 933E3C

 FFC2B9

 772626

 FFDED5

 5B0A12

 FFFBF1

 400000

 280001

 000000

 CD716B

 CD716B

 CD5E56

 CD847F

 CD4B42

 CD9794

 CD372D

 CDABA9

 CD2419

 CDBEBD

 CD1104

 CDD1D2

 CD0D00

 CDE4E6

 CDF8FB

 CDFFFF

# Harmonies

## Analogous

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



CB6E8E



CD716B



BE7C4F

# Triad

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



CD716B



529A65



4B8FD2

# Complementary

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



CD716B



6BC7CD

# 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.



0098C7



CD716B



009D88

# Square

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



CD716B



7E934B



009DAC



8C82C9

# Rectangle

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



CD716B



AC8445



009DAC



2B93D0



# Sweetspot

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



CD716B



FFDDB



CD6BC8



806B6A



000000



808080



# Same Dimension

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



CD716B



FF776E



CDA16B



665C5C



A60A00



260200



# Inverse Universe

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



6BC7CD



6EF6FF



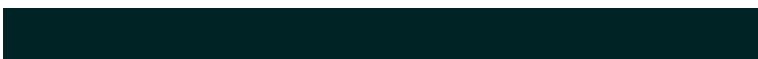
6B97CD



5C6566



009CA6



002426



# Previews

## White Background



This preview shows how the Hex color CD716B looks on a white background.

## Color Contrast Check

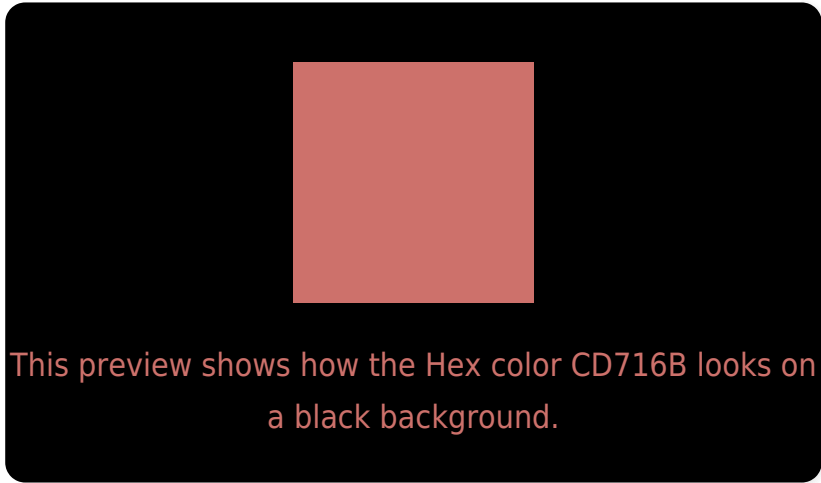
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex CD716B Background



This preview shows how black text looks on a background with the Hex color CD716B.



This preview shows how white text looks on a background with the Hex color CD716B.

# 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



**Original Color**  
CD716B

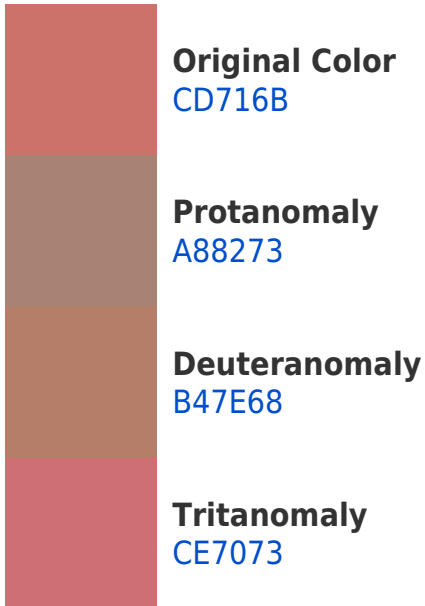
**Protanopia**  
938B77

**Deuteranopia**  
A58667

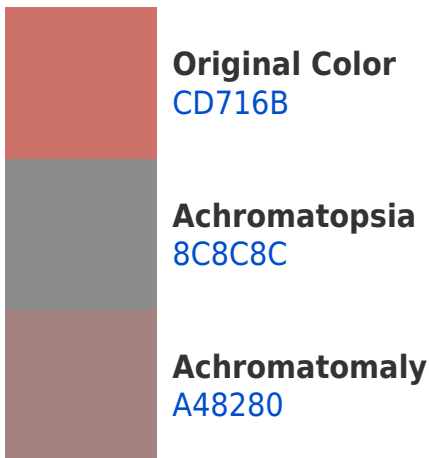


**Tritanopia**  
CE6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD716B 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 #CD716B looks like.

```
.text, #text, p{  
    color:#CD716B  
}
```

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 #CD716B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD716B
}
```

## Border

The CSS property to change the border of an element to Hex CD716B 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
#CD716B }
```

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

```
.border{ border-color:#CD716B }
```

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

Here you see how a box with a 4 pixel #CD716B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD716B; -webkit-box-shadow:4px 4px  
4px 4px #CD716B; box-shadow:4px 4px 4px  
4px #CD716B }
```

# Background

The CSS property to change the background color of an element to Hex CD716B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD716B }
```

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

```
.background{ background-color:#CD716B }
```

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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