

# Converting Colors

Hex(CD7566)

Have a look what the booklet for  
Hex(CD7566) contains.

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# Color

**Hex(CD7566)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CD7566                     |
| RGB           | 205, 117, 102              |
| RGB Percent   | 80%, 46%, 40%              |
| CMY           | 0.1961, 0.5412, 0.6000     |
| CMYK          | 0.00, 0.43, 0.50, 0.20     |
| HSL           | 9°, 51%, 60%               |
| HSV           | 9°, 50%, 80%               |
| XYZ           | 33.9364, 26.6610, 15.9278  |
| YIQ           | 141.6020, 57.2630, 13.9910 |

# Conversions

## Conversions Part 2

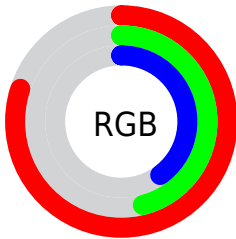
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 205, 120, 102                  |
| Decimal                             | 13464934                       |
| CIE <sub>Lab</sub>                  | 58.66, 32.91, 23.34            |
| CIE <sub>LCh</sub>                  | 59, 40.345, 35.349             |
| Yxy                                 | 26.6610, 0.4435,<br>0.3484     |
| Android<br>(android.graphics.Color) | 4291655014<br>(0xFFCD7566)     |
| YUV                                 | 141.6020, -19.5238,<br>55.6000 |
| Hunter-Lab                          | 51.6343, 26.9582,<br>17.8546   |

# Details

The Hex color **CD7566** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66BECD**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFAA99**, and **934337** is the 20% darker color. If you saturate the color by 10%, you get **CD6352**, and if you desaturate by 10%, it is **CD877B**.

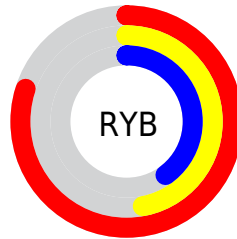
# Distribution



Red (80%)

Green (46%)

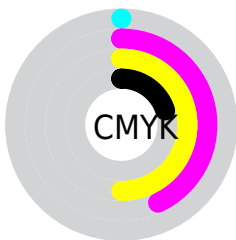
Blue (40%)



Red (80%)

Yellow (47%)

Blue (40%)

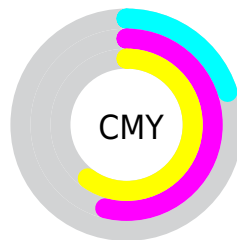


Cyan (0%)

Magenta (43%)

Yellow (50%)

Black (20%)



Cyan (20%)

Magenta (54%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD7566 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 CD7566 by changing the saturation by 10% instead.



 CD7566

 CD7566

FFFFFF

 B05B4E

 FFAA99

 934337

 FFC6B4

 772A21

 FFE2D0

 5B110C

 FFFFEC

 400000

 280001

 000000

 CD7566

 CD7566

 CD6352

 CD877B

 CD523D

 CD988F

 CD4028

 CDAAA4

 CD2F14

 CDBBB8

 CD1E00

 CDCDCD

 CDDEE1

 CDF0F6

 CDFFFF

# Harmonies

## Analogous

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



CF7088



CD7566



BB814D

# Triad

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



CD7566



499D6E



5F8FD3

# Complementary

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



CD7566



66BECD

# 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.



0099CD



CD7566



009F93

# Square

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



CD7566



779752



009EB5



9981C7

# Rectangle

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



CD7566



A88945



009EB5



4592D3



# Sweetspot

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



CD7566



FFDED9



CD66BF



806C69



000000



808080



# Same Dimension

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



CD7566



FF7C66



CDA766



665D5C



A61800



260600



# Inverse Universe

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



66BECD



66E9FF



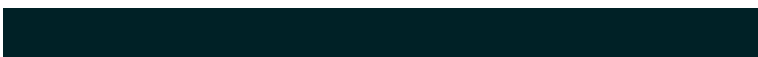
668CCD



5C6566



008EA6



002126



# Previews

## White Background



This preview shows how the Hex color CD7566 looks on a white background.

## Color Contrast Check

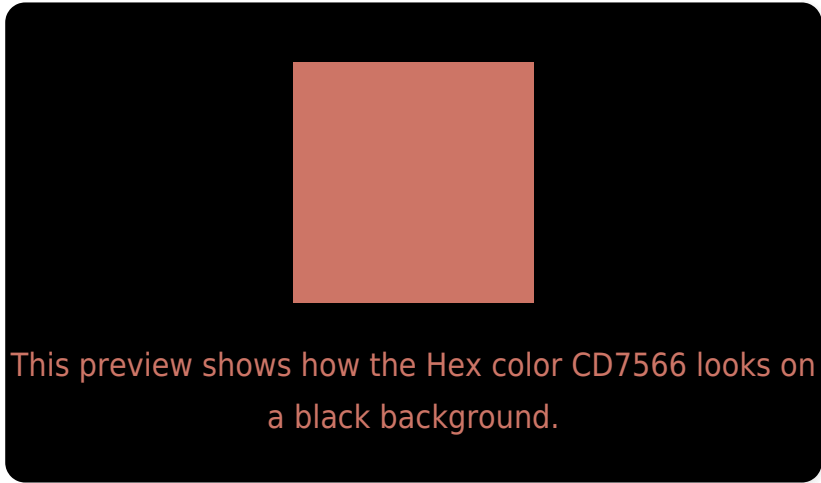
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD7566 Background



This preview shows how black text looks on a background with the Hex color CD7566.



This preview shows how white text looks on a background with the Hex color CD7566.

# 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**  
CD7566

**Protanopia**  
968D71

**Deuteranopia**  
A98763



**Tritanopia**  
CF727A

# Trichromacy



**Original Color**  
CD7566

**Protanomaly**  
AA846D

**Deuteranomaly**  
B68064

**Tritanomaly**  
CE7373

# Monochromacy



**Original Color**  
CD7566

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
A5857F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD7566 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 #CD7566 looks like.

```
.text, #text, p{  
    color:#CD7566  
}
```

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 #CD7566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7566
}
```

## Border

The CSS property to change the border of an element to Hex CD7566 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
#CD7566 }
```

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

```
.border{ border-color:#CD7566 }
```

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

Here you see how a box with a 4 pixel #CD7566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7566; -webkit-box-shadow:4px 4px  
4px 4px #CD7566; box-shadow:4px 4px 4px  
4px #CD7566 }
```

# Background

The CSS property to change the background color of an element to Hex CD7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7566 }
```

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

```
.background{ background-color:#CD7566 }
```

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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