

# Converting Colors

Hex(CE7464)

Have a look what the booklet for  
Hex(CE7464) contains.

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# Color

Hex(CE7464)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CE7464                     |
| RGB           | 206, 116, 100              |
| RGB Percent   | 81%, 45%, 39%              |
| CMY           | 0.1922, 0.5451, 0.6078     |
| CMYK          | 0.00, 0.44, 0.51, 0.19     |
| HSL           | 9°, 52%, 60%               |
| HSV           | 9°, 51%, 81%               |
| XYZ           | 33.9992, 26.5327, 15.3860  |
| YIQ           | 141.0860, 58.7760, 14.1040 |

# Conversions

## Conversions Part 2

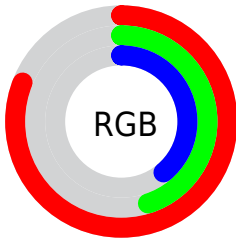
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 206, 119, 100                  |
| Decimal                             | 13530212                       |
| CIE <sub>Lab</sub>                  | 58.54, 33.64, 24.34            |
| CIE <sub>LCh</sub>                  | 59, 41.527, 35.889             |
| Yxy                                 | 26.5327, 0.4478,<br>0.3495     |
| Android<br>(android.graphics.Color) | 4291720292<br>(0xFFCE7464)     |
| YUV                                 | 141.0860, -20.2554,<br>56.9296 |
| Hunter-Lab                          | 51.5099, 27.6771,<br>18.3471   |

# Details

The Hex color **CE7464** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64BECE**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA997**, and **944235** is the 20% darker color. If you saturate the color by 10%, you get **CE634F**, and if you desaturate by 10%, it is **CE8579**.

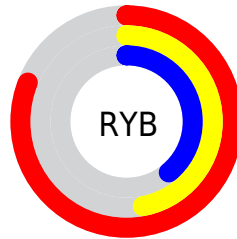
# Distribution



Red (81%)

Green (45%)

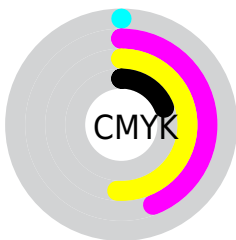
Blue (39%)



Red (81%)

Yellow (47%)

Blue (39%)

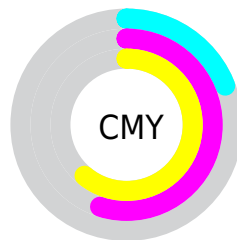


Cyan (0%)

Magenta (44%)

Yellow (51%)

Black (19%)



Cyan (19%)

Magenta (55%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE7464 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 CE7464 by changing the saturation by 10% instead.



 CE7464

 CE7464

FFFFFF

 B15A4C

 FFA997

 944235

 FFC5B2

 782920

 FFE1CD

 5C0F09

 FFFEEA

 410000

 280001

 000000

 CE7464

 CE7464

 CE634F

 CE8579

 CE513B

 CE978D

 CE4026

 CEA8A2

 CE2E12

 CEBAB6

 CE1F00

 CECBCB

 CEDDE0

 CEEEF4

 CEFFFF

# Harmonies

## Analogous

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



D16E87



CE7464



BB804A

# Triad

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



CE7464



459D6E



5D8ED5

# Complementary

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



CE7464



64BECE

# 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.



0098CF



CE7464



00A093

# Square

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



CE7464



759750



009EB6



9980C8

# Rectangle

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



CE7464



A78943



009EB6



4292D5



# Sweetspot

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



CE7464



FFDFD9



CE64BE



806C69



000000



808080



# Same Dimension

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



CE7464



FF7961



CEA964



665D5C



A61900



260600



# Inverse Universe

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



64BECE



61E7FF



6489CE



5C6466



008DA6



002026



# Previews

## White Background



This preview shows how the Hex color CE7464 looks on a white background.

## Color Contrast Check

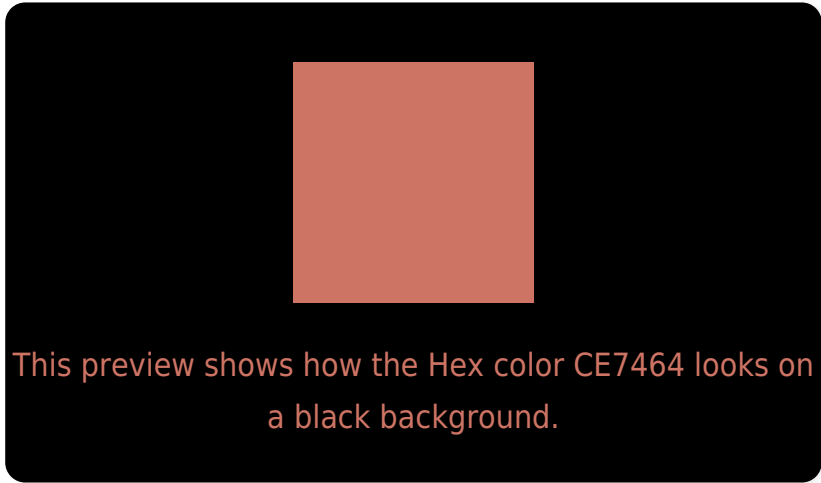
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE7464 Background



This preview shows how black text looks on a background with the Hex color CE7464.

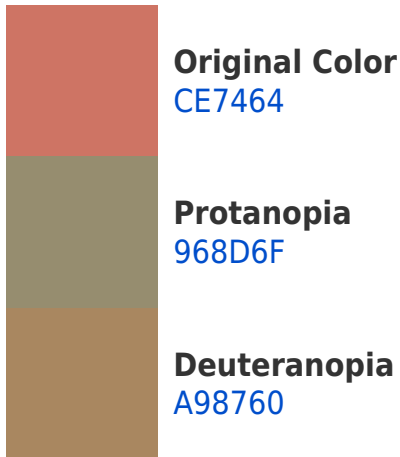


This preview shows how white text looks on a background with the Hex color CE7464.

# 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





# Trichromacy



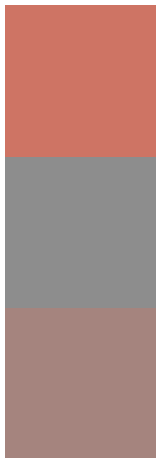
**Original Color**  
CE7464

**Protanomaly**  
AA846B

**Deuteranomaly**  
B68061

**Tritanomaly**  
CF7271

# Monochromacy



**Original Color**  
CE7464

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
A5847E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE7464 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 #CE7464 looks like.

```
.text, #text, p{  
    color:#CE7464  
}
```

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 #CE7464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE7464
}
```

## Border

The CSS property to change the border of an element to Hex CE7464 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
#CE7464 }
```

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

```
.border{ border-color:#CE7464 }
```

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

Here you see how a box with a 4 pixel #CE7464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE7464; -webkit-box-shadow:4px 4px  
4px 4px #CE7464; box-shadow:4px 4px 4px  
4px #CE7464 }
```

# Background

The CSS property to change the background color of an element to Hex CE7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE7464 }
```

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

```
.background{ background-color:#CE7464 }
```

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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