

Converting Colors

Hex(C16750)

Have a look what the booklet for
Hex(C16750) contains.

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Color

Hex(C16750)

Conversions

Conversions Part 1

Format	Color
Hex	C16750
RGB	193, 103, 80
RGB Percent	76%, 40%, 31%
CMY	0.2431, 0.5961, 0.6863
CMYK	0.00, 0.47, 0.59, 0.24
HSL	12°, 48%, 54%
HSV	12°, 59%, 76%
XYZ	28.2905, 21.6171, 10.2709
YIQ	127.2880, 61.0230, 11.9270

Conversions

Conversions Part 2

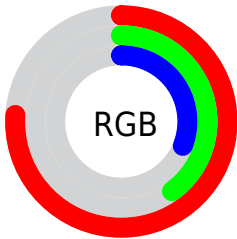
Format	Color
R_{YB}	193, 109, 80
Decimal	12674896
CIE _{Lab}	53.62, 33.76, 28.99
CIE _{LCh}	54, 44.498, 40.652
Yxy	21.6171, 0.4701, 0.3592
Android (android.graphics.Color)	4290864976 (0xFFC16750)
YUV	127.2880, -23.3130, 57.6294
Hunter-Lab	46.4942, 27.2477, 19.4484

Details

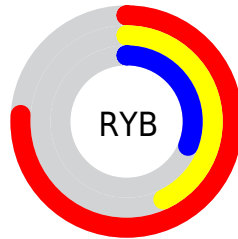
The Hex color **C16750** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **50AAC1**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FD9C82**, and **873523** is the 20% darker color. If you saturate the color by 10%, you get **C1583D**, and if you desaturate by 10%, it is **C17663**.

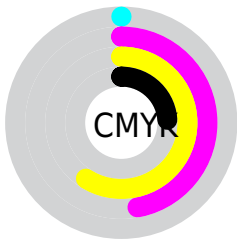
Distribution



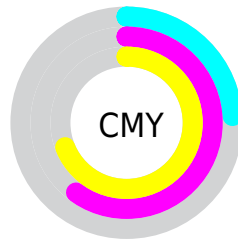
- Red (76%)
- Green (40%)
- Blue (31%)



- Red (76%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (47%)
- Yellow (59%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16750 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 C16750 by changing the saturation by 10% instead.

 C16750

 C16750

FFFFFF

 A44E39

 FD9C82

 873523

 FFB79C

 6A1D0D

 FFD3B7

 4F0100

 FFEFD2

 340000

 FFFFFE

 0F0000

 000000

 C16750

 C16750

 C1583D

 C17663

 C14829

 C18677

 C13916

 C1958A

 C12A03

 C1A49D

 C12700

 C1B4B1

 C1C3C4

 C1D3D7

 C1E2EA

 C1F1FE

Harmonies

Analogous

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



C75F74



C16750



AA7536

Triad

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



C16750



1D9265



5580CB

Complementary

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



C16750



50AAC1

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.



008BC8



C16750



00938D

Square

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



C16750



5F8C43



0091B1



9570BB

Rectangle

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



C16750



957E30



0091B1



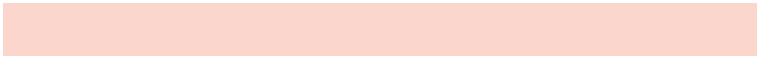
3484CD

Sweetspot

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



C16750



FAD6CD



C150AA



7D6761



FCFCFC



7D7D7D

Same Dimension

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



C16750



FA6F4B



C19F50



615957



A12100



210700

Inverse Universe

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



50AAC1



4BD6FA



5072C1



575F61



0080A1



001A21

Previews

White Background



This preview shows how the Hex color C16750 looks on a white background.

Color Contrast Check

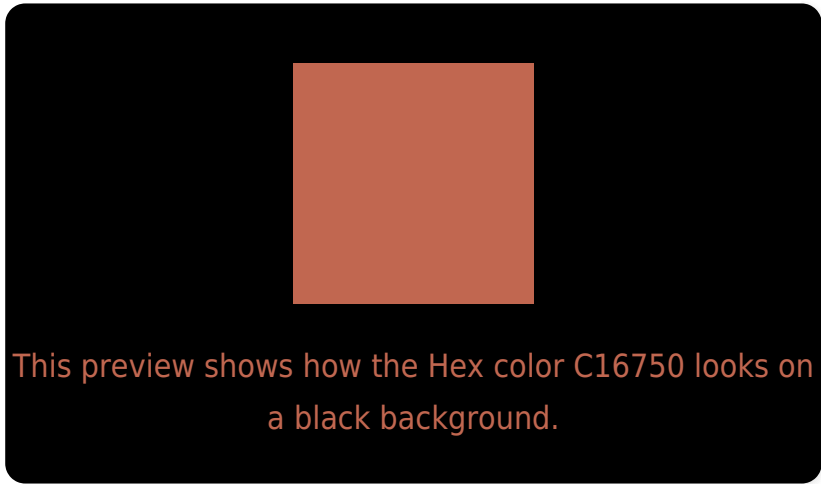
Large Text (above 18pt) WCAG AA ✓ Pass

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

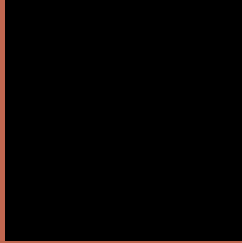
Any Text WCAG AA ✓ Pass

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 C16750 Background



This preview shows how black text looks on a background with the Hex color C16750.



This preview shows how white text looks on a background with the Hex color C16750.

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
C16750

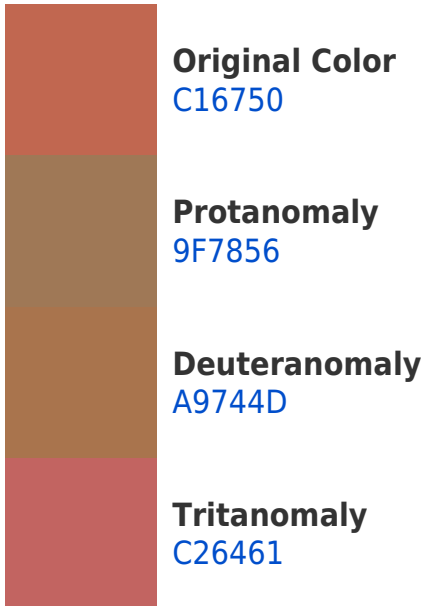
Protanopia
8B815A

Deuteranopia
9C7B4C



Tritanopia
C3636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C16750 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 #C16750 looks like.

```
.text, #text, p{  
    color:#C16750  
}
```

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 #C16750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16750
}
```

Border

The CSS property to change the border of an element to Hex C16750 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
#C16750 }
```

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

```
.border{ border-color:#C16750 }
```

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

Here you see how a box with a 4 pixel #C16750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16750; -webkit-box-shadow:4px 4px  
4px 4px #C16750; box-shadow:4px 4px 4px  
4px #C16750 }
```

Background

The CSS property to change the background color of an element to Hex C16750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16750 }
```

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

```
.background{ background-color:#C16750 }
```

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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