

Converting Colors

Hex(C16F4E)

Have a look what the booklet for
Hex(C16F4E) contains.

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Color

Hex(C16F4E)

Conversions

Conversions Part 1

Format	Color
Hex	C16F4E
RGB	193, 111, 78
RGB Percent	76%, 44%, 31%
CMY	0.2431, 0.5647, 0.6941
CMYK	0.00, 0.42, 0.60, 0.24
HSL	17°, 48%, 53%
HSV	17°, 60%, 76%
XYZ	29.0519, 23.2564, 10.1655
YIQ	131.7560, 59.4650, 7.1210

Conversions

Conversions Part 2

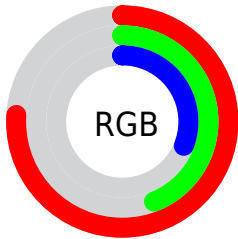
Format	Color
R_{YB}	193, 124, 78
Decimal	12676942
CIE Lab	55.34, 29.33, 32.26
CIE LCh	55, 43.600, 47.728
Yxy	23.2564, 0.4650, 0.3723
Android (android.graphics.Color)	4290867022 (0xFFC16F4E)
YUV	131.7560, -26.5017, 53.7110
Hunter-Lab	48.2249, 23.1394, 21.2595

Details

The Hex color **C16F4E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4EA0C1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FDA480**, and **873E20** is the 20% darker color. If you saturate the color by 10%, you get **C1613B**, and if you desaturate by 10%, it is **C17D61**.

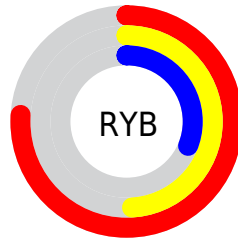
Distribution



Red (76%)

Green (44%)

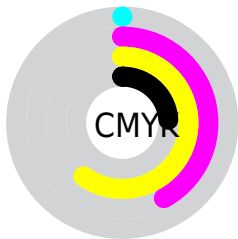
Blue (31%)



Red (76%)

Yellow (49%)

Blue (31%)

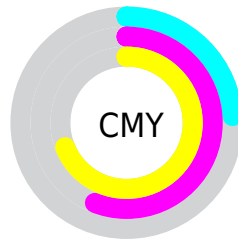


Cyan (0%)

Magenta (42%)

Yellow (60%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16F4E 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 C16F4E by changing the saturation by 10% instead.

 C16F4E

 C16F4E

FFFFFF

 A45637

 FDA480

 873E20

 FFBF9A

 6B260A

 FFDBB5

 4F0E00

 FFF8D1

 340000

 FFFFFED

 150000

 000000

 C16F4E

 C16F4E

 C1613B

 C17D61

 C15327

 C18B75

 C14614

 C19888

 C13801

 C1A69B

 C13700

 C1B4AF

 C1C2C2

 C1CFD5

 C1DDE8

 C1EBFC

Harmonies

Analogous

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



CB6570



C16F4E



A87D39

Triad

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



C16F4E



029773



6D81CD

Complementary

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



C16F4E



4EA0C1

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.



008DCE



C16F4E



00989A

Square

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



C16F4E



599250



0095BC



A472B8

Rectangle

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



C16F4E



918636



0095BC



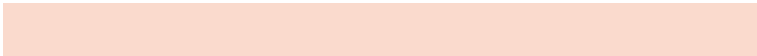
5485CF

Sweetspot

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



C16F4E



FADACD



C14EA0



7D6961



FCFCFC



7D7D7D

Same Dimension

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



C16F4E



FA7A46



C1A84E



615A57



A12E00



210A00

Inverse Universe

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



4EA0C1



46C6FA



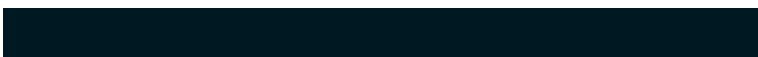
4E67C1



575E61



0073A1



001821

Previews

White Background



This preview shows how the Hex color C16F4E looks on a white background.

Color Contrast Check

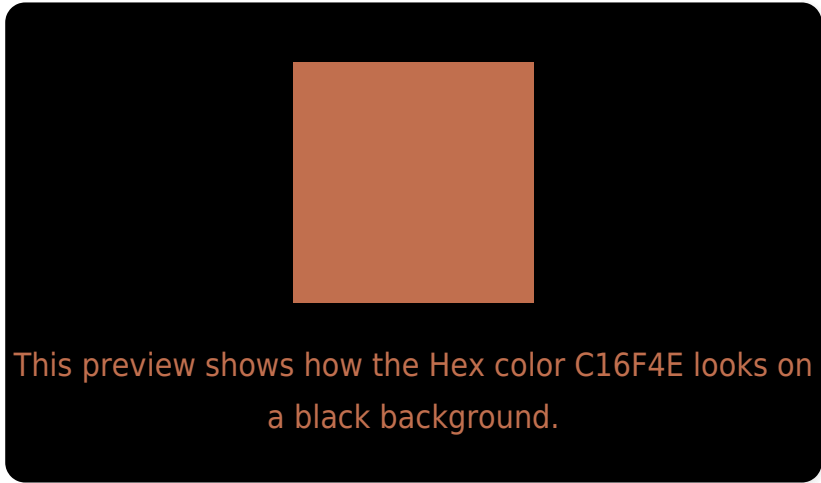
Large Text (above 18pt) WCAG AA ✓ Pass

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

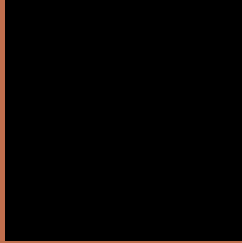
Any Text WCAG AA ✓ Pass

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 C16F4E Background



This preview shows how black text looks on a background with the Hex color C16F4E.

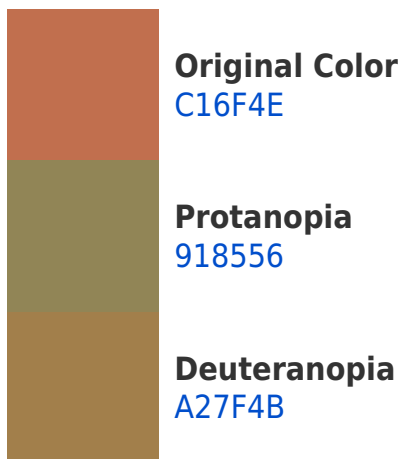


This preview shows how white text looks on a background with the Hex color C16F4E.

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](#).

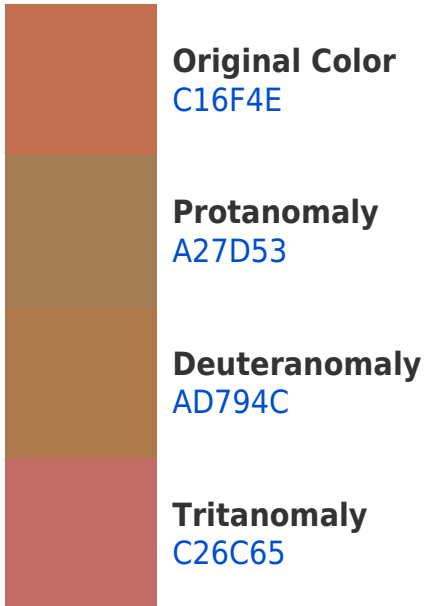
Dichromacy





Tritanopia
C36A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C16F4E 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 #C16F4E looks like.

```
.text, #text, p{  
    color:#C16F4E  
}
```

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 #C16F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16F4E
}
```

Border

The CSS property to change the border of an element to Hex C16F4E 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
#C16F4E }
```

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

```
.border{ border-color:#C16F4E }
```

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

Here you see how a box with a 4 pixel #C16F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16F4E; -webkit-box-shadow:4px 4px  
4px 4px #C16F4E; box-shadow:4px 4px 4px  
4px #C16F4E }
```

Background

The CSS property to change the background color of an element to Hex C16F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16F4E }
```

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

```
.background{ background-color:#C16F4E }
```

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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