

Converting Colors

Hex(C16725)

Have a look what the booklet for
Hex(C16725) contains.

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Color

Hex(C16725)

Conversions

Conversions Part 1

Format	Color
Hex	C16725
RGB	193, 103, 37
RGB Percent	76%, 40%, 15%
CMY	0.2431, 0.5961, 0.8549
CMYK	0.00, 0.47, 0.81, 0.24
HSL	25°, 68%, 45%
HSV	25°, 81%, 76%
XYZ	27.1765, 21.1715, 4.4044
YIQ	122.3860, 74.8260, -1.4460

Conversions

Conversions Part 2

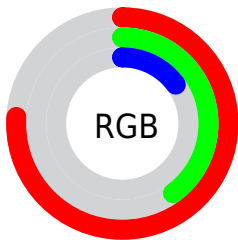
Format	Color
RYB	193, 151, 37
Decimal	12674853
CIELab	53.14, 31.40, 50.55
CIELCh	53, 59.503, 58.155
Yxy	21.1715, 0.5152, 0.4013
Android (android.graphics.Color)	4290864933 (0xFFC16725)
YUV	122.3860, -42.0953, 61.9285
Hunter-Lab	46.0125, 24.9060, 26.5334

Details

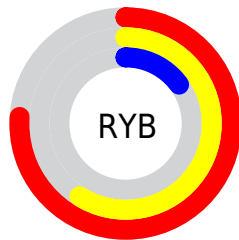
The Hex color **C16725** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **257FC1**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9B57**, and **853600** is the 20% darker color. If you saturate the color by 10%, you get **C15C12**, and if you desaturate by 10%, it is **C17238**.

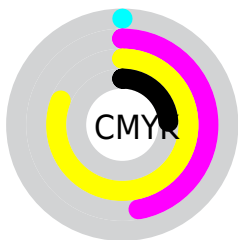
Distribution



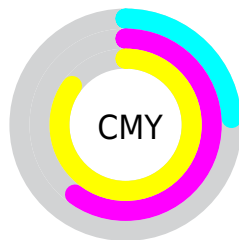
- Red (76%)
- Green (40%)
- Blue (15%)



- Red (76%)
- Yellow (59%)
- Blue (15%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16725 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 C16725 by changing the saturation by 10% instead.

 C16725

 C16725

FFFFFF

 A34E08

 FF9B57

 853600

 FFB671

 681E00

 FFD28B

 4B0400

 FFEFA6

 310000

 FFFFFC2

 050000

 FFFFDE

 000000

 FFFFFB

 C16725

 C16725

 C15C12

 C17238

 C15200

 C17D4C

 C1885F

 C19472

 C19F86

 C1AA99

 C1B5AC

 C1C0BF

 C1CBD3

Harmonies

Analogous

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



D85252



C16725



9A7B00

Triad

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



C16725



00967A



7773DA

Complementary

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



C16725



257FC1

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.



0086E6



C16725



0096AE

Square

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



C16725



079246



0091D5



B95BB6

Rectangle

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



C16725



7A8605



0091D5



547AE1

Sweetspot

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



C16725



FAD7BE



C12580



7D6859



FCFCFC



7D7D7D

Same Dimension

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



C16725



FA6E07



C1B425



615B57



A14400



210E00

Inverse Universe

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



257FC1



0793FA



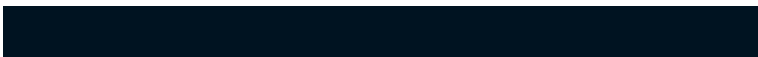
2532C1



575D61



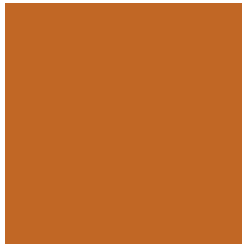
005DA1



001321

Previews

White Background



This preview shows how the Hex color C16725 looks on a white background.

Color Contrast Check

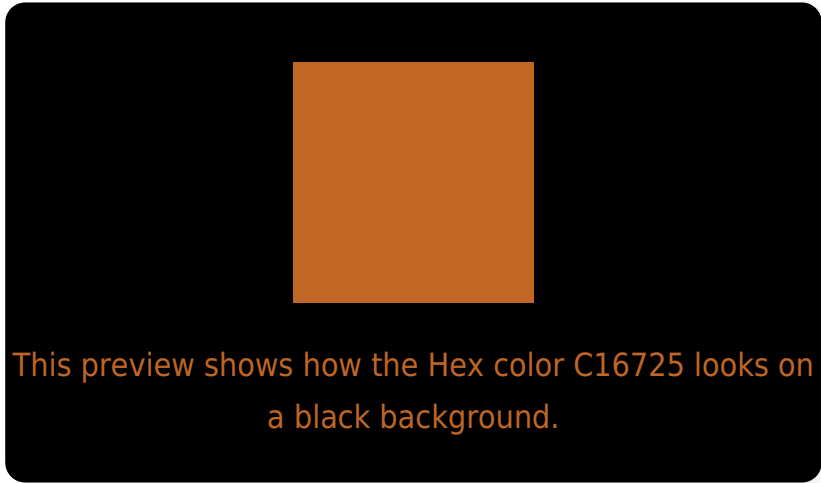
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16725 Background



This preview shows how black text looks on a background with the Hex color C16725.



This preview shows how white text looks on a background with the Hex color C16725.

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
C16725

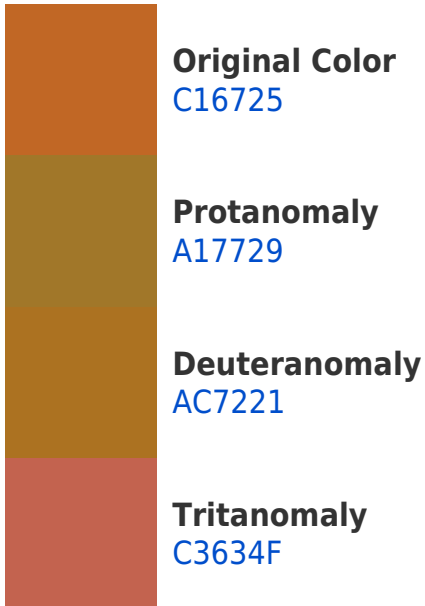
Protanopia
8F802B

Deuteranopia
A0791E



Tritanopia
C46067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C16725 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 #C16725 looks like.

```
.text, #text, p{  
    color:#C16725  
}
```

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 #C16725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16725
}
```

Border

The CSS property to change the border of an element to Hex C16725 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
#C16725 }
```

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

```
.border{ border-color:#C16725 }
```

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

Here you see how a box with a 4 pixel #C16725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16725; -webkit-box-shadow:4px 4px  
4px 4px #C16725; box-shadow:4px 4px 4px  
4px #C16725 }
```

Background

The CSS property to change the background color of an element to Hex C16725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16725 }
```

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

```
.background{ background-color:#C16725 }
```

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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