

Converting Colors

Hex(C66013)

Have a look what the booklet for
Hex(C66013) contains.

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Color

Hex(C66013)

Conversions

Conversions Part 1

Format	Color
Hex	C66013
RGB	198, 96, 19
RGB Percent	78%, 38%, 7%
CMY	0.2235, 0.6235, 0.9255
CMYK	0.00, 0.52, 0.90, 0.22
HSL	26°, 82%, 43%
HSV	26°, 90%, 78%
XYZ	27.5891, 20.4185, 3.1032
YIQ	117.7200, 85.5090, -2.3230

Conversions

Conversions Part 2

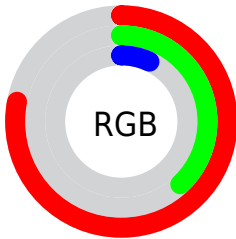
Format	Color
R_{YB}	198, 154, 19
Decimal	13000723
CIE _{Lab}	52.31, 36.63, 56.68
CIE _{LCh}	52, 67.486, 57.127
Yxy	20.4185, 0.5398, 0.3995
Android (android.graphics.Color)	4291190803 (0xFFC66013)
YUV	117.7200, -48.6690, 70.4056
Hunter-Lab	45.1869, 29.9073, 27.5591

Details

The Hex color **C66013** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1379C6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9449**, and **892E00** is the 20% darker color. If you saturate the color by 10%, you get **C65500**, and if you desaturate by 10%, it is **C66B27**.

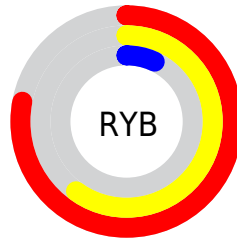
Distribution



Red (78%)

Green (38%)

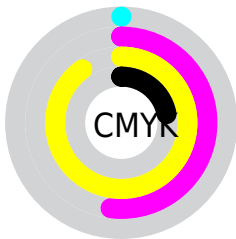
Blue (7%)



Red (78%)

Yellow (60%)

Blue (7%)

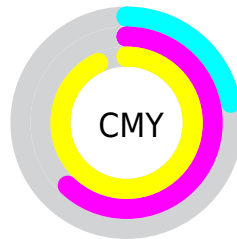


Cyan (0%)

Magenta (52%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C66013 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 C66013 by changing the saturation by 10% instead.

 C66013

 C66013

FFFFFF

 A74700

 FF9449

 892E00

 FFAF63

 6B1400

 FFCB7D

 4E0000

 FFE898

 340000

 FFFFB3

 090000

 FFFFCF

 000000

 FFFFEC

 C66013

 C66013

 C65500

 C66B27

 C6773B

 C6824E

 C68D62

 C69876

 C6A48A

 C6AF9E

 C6BAB1

 C6C6C5

Harmonies

Analogous

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



DF444C



C66013



9B7800

Triad

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



C66013



009675



6D70E5

Complementary

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



C66013



1379C6

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.



0086F1



C66013



0096B0

Square

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



C66013



009239



0092DE



BC52BD

Rectangle

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



C66013



778400



0092DE



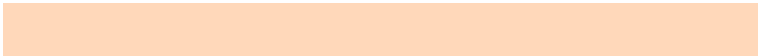
3978EC

Sweetspot

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



C66013



FFD8BA



C6137B



806857



000000



808080

Same Dimension

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



C66013



FF6E00



C6B713



635E5A



A34600



240F00

Inverse Universe

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



1379C6



0091FF



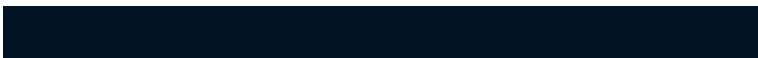
1322C6



5A5F63



005DA3



001424

Previews

White Background



This preview shows how the Hex color C66013 looks on a white background.

Color Contrast Check

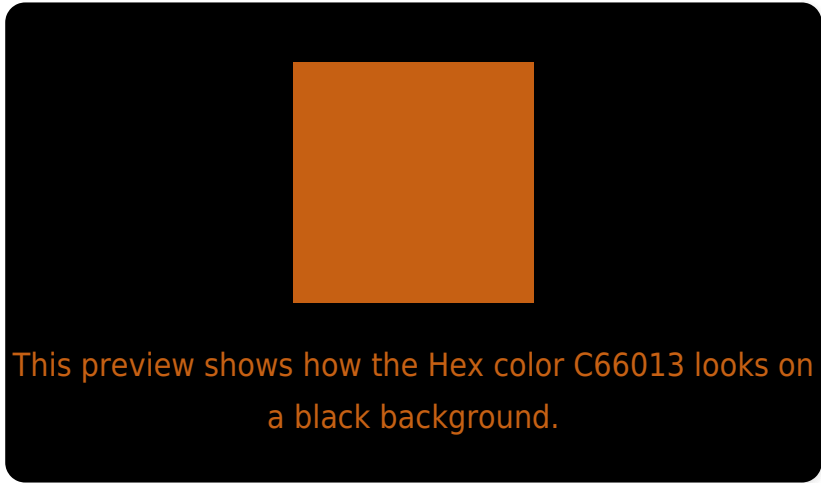
Large Text (above 18pt) WCAG AA ✓ Pass

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 C66013 Background



This preview shows how black text looks on a background with the Hex color C66013.



This preview shows how white text looks on a background with the Hex color C66013.

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
C66013

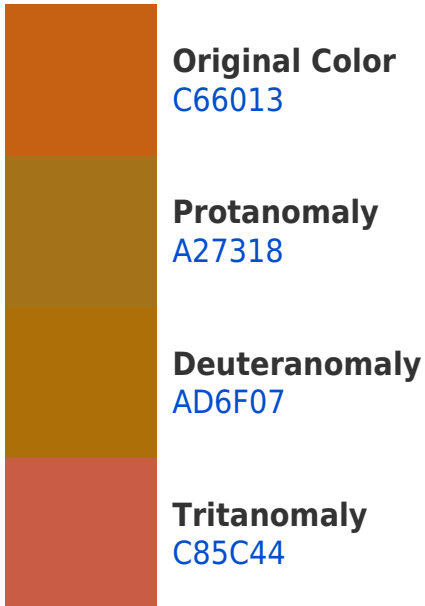
Protanopia
8D7E1B

Deuteranopia
9E7700



Tritanopia
C95960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C66013 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 #C66013 looks like.

```
.text, #text, p{  
    color:#C66013  
}
```

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 #C66013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66013
}
```

Border

The CSS property to change the border of an element to Hex C66013 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
#C66013 }
```

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

```
.border{ border-color:#C66013 }
```

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

Here you see how a box with a 4 pixel #C66013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66013; -webkit-box-shadow:4px 4px  
4px 4px #C66013; box-shadow:4px 4px 4px  
4px #C66013 }
```

Background

The CSS property to change the background color of an element to Hex C66013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66013 }
```

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

```
.background{ background-color:#C66013 }
```

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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