

# Converting Colors

Hex(C66E3A)

Have a look what the booklet for  
Hex(C66E3A) contains.

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**Color**

**Hex(C66E3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C66E3A
RGB	198, 110, 58
RGB Percent	78%, 43%, 23%
CMY	0.2235, 0.5686, 0.7725
CMYK	0.00, 0.44, 0.71, 0.22
HSL	22°, 55%, 50%
HSV	22°, 71%, 78%
XYZ	29.6284, 23.4631, 6.9702
YIQ	130.3840, 69.1400, 2.4840

# Conversions

## Conversions Part 2

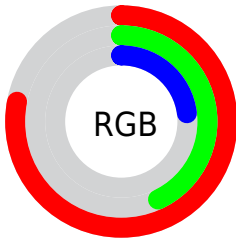
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 141, 58
Decimal	13004346
CIELab	55.55, 30.63, 43.35
CIELCh	56, 53.080, 54.753
Yxy	23.4631, 0.4933, 0.3907
Android (android.graphics.Color)	4291194426 (0xFFC66E3A)
YUV	130.3840, -35.6853, 59.2992
Hunter-Lab	48.4387, 24.4147, 25.3754

# Details

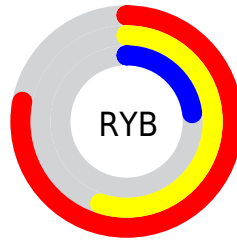
The Hex color **C66E3A** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3A92C6**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FFA36B**, and **8B3D08** is the 20% darker color. If you saturate the color by 10%, you get **C66226**, and if you desaturate by 10%, it is **C67A4E**.

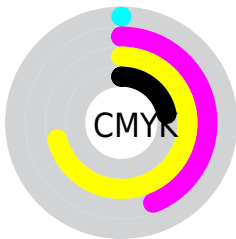
# Distribution



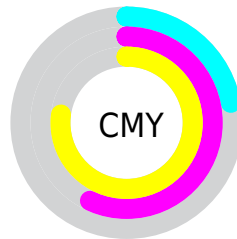
- Red (78%)
- Green (43%)
- Blue (23%)



- Red (78%)
- Yellow (55%)
- Blue (23%)



- Cyan (0%)
- Magenta (44%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (57%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C66E3A 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 C66E3A by changing the saturation by 10% instead.



 C66E3A

 C66E3A

FFFFFF

 A85522


 FFA36B

 8B3D08

 FFBE85

 6E2500

 FFDAA0

 510C00

 FFF7BB

 360000

 FFFFFD7

 180001

 FFFFF4

 000000

 C66E3A

 C66E3A

 C66226

 C67A4E

 C65512

 C68762

 C64A00

 C69375

 C6A089

 C6AC9D

 C6B9B1

 C6C5C5

 C6D2D8

 C6DEEC

# Harmonies

## Analogous

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



D85E61



C66E3A



A48021

# Triad

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



C66E3A



009B7B



787CD9

# Complementary

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



C66E3A



3A92C6

# 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.



008DE1



C66E3A



009BAA

# Square

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



C66E3A



3B974D



0097D0



B569BB

# Rectangle

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



C66E3A



888A23



0097D0



5982DE

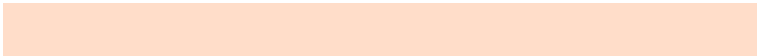


# Sweetspot

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



C66E3A



FFDDC9



C63A93



806B60



000000



808080



# Same Dimension

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



C66E3A



FF7726



C6B33A



635D5A



A33D00



240D00



# Inverse Universe

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



3A92C6



26AEFF



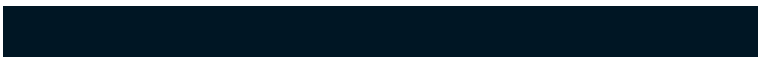
3A4DC6



5A6063



0067A3



001624



# Previews

## White Background



This preview shows how the Hex color C66E3A looks on a white background.

## Color Contrast Check

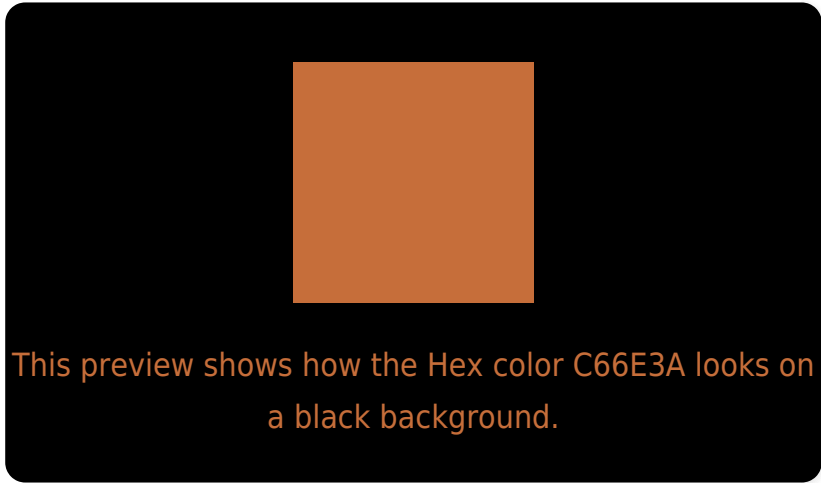
Large Text (above 18pt) WCAG AA ✓ Pass

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 C66E3A Background



This preview shows how black text looks on a background with the Hex color C66E3A.



This preview shows how white text looks on a background with the Hex color C66E3A.

# 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**  
C66E3A

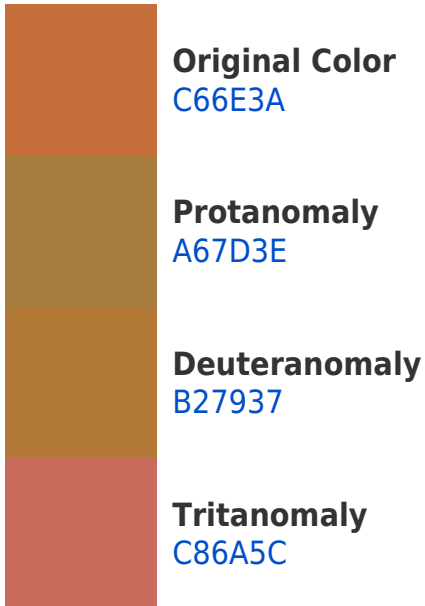
**Protanopia**  
948641

**Deuteranopia**  
A67F36



**Tritanopia**  
C9686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C66E3A 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 #C66E3A looks like.

```
.text, #text, p{  
    color:#C66E3A  
}
```

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 #C66E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66E3A
}
```

## Border

The CSS property to change the border of an element to Hex C66E3A 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
#C66E3A }
```

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

```
.border{ border-color:#C66E3A }
```

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

Here you see how a box with a 4 pixel #C66E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66E3A; -webkit-box-shadow:4px 4px  
4px 4px #C66E3A; box-shadow:4px 4px 4px  
4px #C66E3A }
```

# Background

The CSS property to change the background color of an element to Hex C66E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66E3A }
```

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

```
.background{ background-color:#C66E3A }
```

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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