

# Converting Colors

Hex(C66042)

Have a look what the booklet for  
Hex(C66042) contains.

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**Color**

**Hex(C66042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C66042
RGB	198, 96, 66
RGB Percent	78%, 38%, 26%
CMY	0.2235, 0.6235, 0.7412
CMYK	0.00, 0.52, 0.67, 0.22
HSL	14°, 54%, 52%
HSV	14°, 67%, 78%
XYZ	28.4549, 20.7649, 7.6625
YIQ	123.0780, 70.4220, 12.2940

# Conversions

## Conversions Part 2

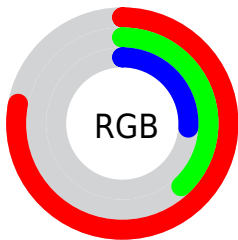
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 105, 66
Decimal	13000770
CIE <sub>Lab</sub>	52.69, 38.40, 35.86
CIE <sub>LCh</sub>	53, 52.543, 43.040
Yxy	20.7649, 0.5002, 0.3650
Android (android.graphics.Color)	4291190850 (0xFFC66042)
YUV	123.0780, -28.1395, 65.7066
Hunter-Lab	45.5685, 31.7184, 21.9281

# Details

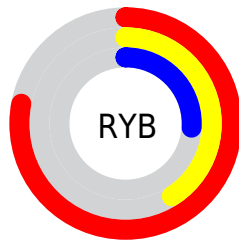
The Hex color **C66042** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **42A8C6**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9573**, and **8A2D15** is the 20% darker color. If you saturate the color by 10%, you get **C6512E**, and if you desaturate by 10%, it is **C66F56**.

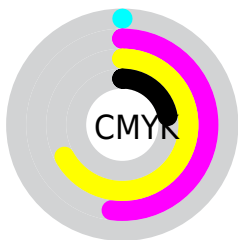
# Distribution



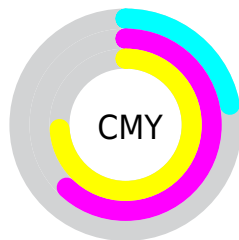
- Red (78%)
- Green (38%)
- Blue (26%)



- Red (78%)
- Yellow (41%)
- Blue (26%)



- Cyan (0%)
- Magenta (52%)
- Yellow (67%)
- Black (22%)



- Cyan (22%)
- Magenta (62%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C66042 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 C66042 by changing the saturation by 10% instead.



 C66042

 C66042

FFFFFF

 A8472B

 FF9573

 8A2D15

 FFB08D

 6E1200

 FFCCA7

 510000

 FFE8C3

 360000

 FFFFFD

 110000

 FFFFFB

 000000

 C66042

 C66042

 C6512E

 C66F56

 C6411A

 C67F6A

 C63207

 C68E7D

 C62D00

 C69D91

 C6ADA5

 C6BCB9

 C6CBCD

 C6DAE0

 C6EAF4

# Harmonies

## Analogous

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



D0546C



C66042



AA7222

# Triad

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



C66042



009262



4A7CD6

# Complementary

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



C66042



42A8C6

# 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.



008AD4



C66042



009391

# Square

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



C66042



508C37



0091BA



9969C0

# Rectangle

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



C66042



917D19



0091BA



0081D8



# Sweetspot

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



C66042



FFD8CC



C642A9



806861



000000



808080



# Same Dimension

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



C66042



FF6133



C6A142



635C5A



A32500



240800



# Inverse Universe

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



42A8C6



33D1FF



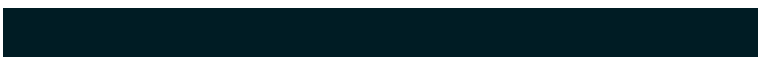
4267C6



5A6163



007EA3

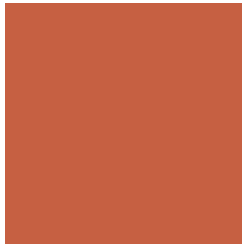


001C24



# Previews

## White Background



This preview shows how the Hex color C66042 looks on a white background.

## Color Contrast Check

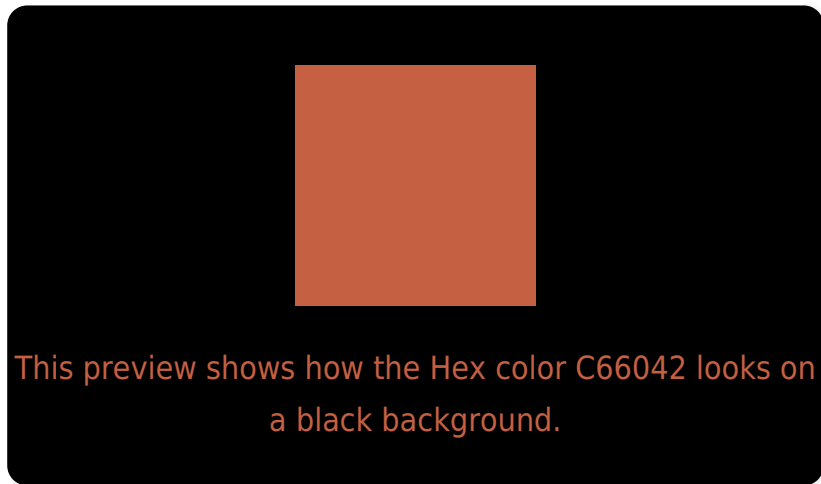
Large Text (above 18pt) WCAG AA ✓ Pass

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 C66042 Background



This preview shows how black text looks on a background with the Hex color C66042.

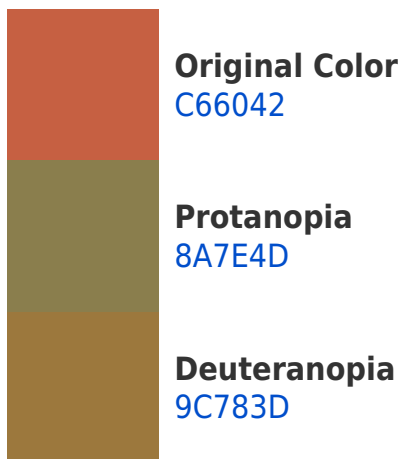



This preview shows how white text looks on a background with the Hex color C66042.

# 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](#).

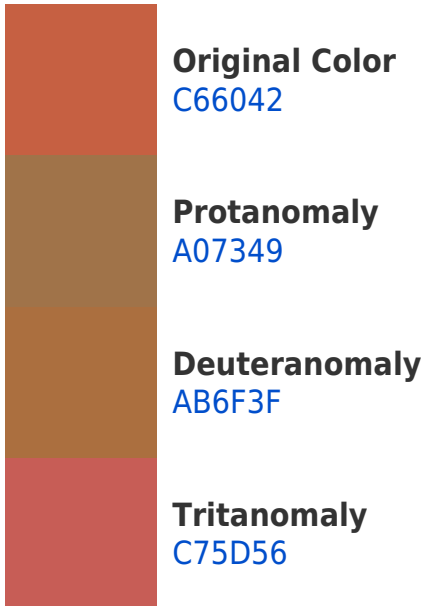
## Dichromacy





**Tritanopia**  
C85C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C66042 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 #C66042 looks like.

```
.text, #text, p{  
    color:#C66042  
}
```

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 #C66042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C66042
}
```

## Border

The CSS property to change the border of an element to Hex C66042 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
#C66042 }
```

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

```
.border{ border-color:#C66042 }
```

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

Here you see how a box with a 4 pixel #C66042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C66042; -webkit-box-shadow:4px 4px  
4px 4px #C66042; box-shadow:4px 4px 4px  
4px #C66042 }
```

# Background

The CSS property to change the background color of an element to Hex C66042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C66042 }
```

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

```
.background{ background-color:#C66042 }
```

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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