

Converting Colors

Hex(C67307)

Have a look what the booklet for
Hex(C67307) contains.

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Color

Hex(C67307)

Conversions

Conversions Part 1

Format	Color
Hex	C67307
RGB	198, 115, 7
RGB Percent	78%, 45%, 3%
CMY	0.2235, 0.5490, 0.9725
CMYK	0.00, 0.42, 0.96, 0.22
HSL	34°, 93%, 40%
HSV	34°, 96%, 78%
XYZ	29.4578, 24.2826, 3.3354
YIQ	127.5050, 84.1360, -15.9920

Conversions

Conversions Part 2

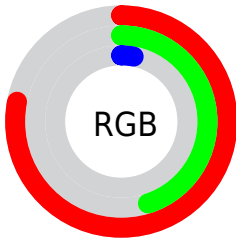
Format	Color
RYB	154, 198, 7
Decimal	13005575
CIELab	56.37, 26.43, 62.20
CIELCh	56, 67.580, 66.976
Yxy	24.2826, 0.5161, 0.4254
Android (android.graphics.Color)	4291195655 (0xFFC67307)
YUV	127.5050, -59.4090, 61.8241
Hunter-Lab	49.2774, 20.4712, 30.4810

Details

The Hex color **C67307** 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 **075AC6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FFA746**, and **8A4200** is the 20% darker color. If you saturate the color by 10%, you get **C67000**, and if you desaturate by 10%, it is **C67C1B**.

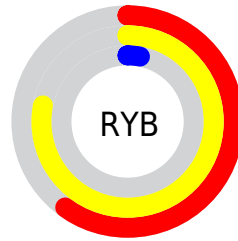
Distribution



Red (78%)

Green (45%)

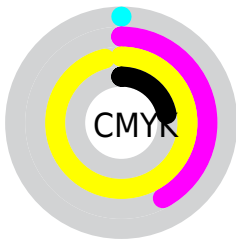
Blue (3%)



Red (60%)

Yellow (78%)

Blue (3%)

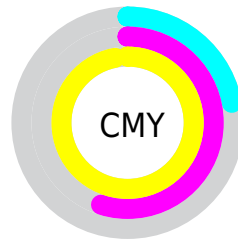


Cyan (0%)

Magenta (42%)

Yellow (96%)

Black (22%)



Cyan (22%)

Magenta (55%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C67307 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 C67307 by changing the saturation by 10% instead.

 C67307

 C67307

FFFFFF

 A85A00

 FFA746

 8A4200

 FFC360

 6C2B00

 FFDF7B

 501400

 FFFB96

 340000

 FFFFB2

 170000

 FFFFCE

 000000

 FFFFEB

 C67307

 C67307

 C67000

 C67C1B

 C6842F

 C68D42

 C69556

 C69E6A

 C6A77E

 C6AF92

 C6B8A5

 C6C0B9

Harmonies

Analogous

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



E65843



C67307



968900

Triad

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



C67307



00A294



9971E6

Complementary

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



C67307



075AC6

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.



008AFD



C67307



00A1CD

Square

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



C67307



009F56



009AF4



D754B6

Rectangle

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



C67307



6E9300



009AF4



787AF1

Sweetspot

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



C67307



FFDFB5



C6075D



806C53



000000



808080

Same Dimension

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



C67307



FF9000



BCC607



635F5A



A35C00



241400

Inverse Universe

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



075AC6



006FFF



1107C6



5A5E63



0047A3



001024

Previews

White Background



This preview shows how the Hex color C67307 looks on a white background.

Color Contrast Check

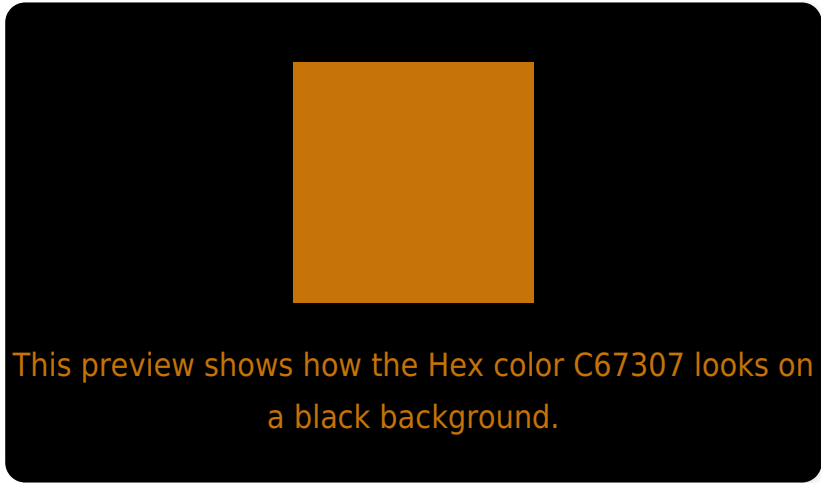
Large Text (above 18pt) WCAG AA ✓ Pass

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 C67307 Background



This preview shows how black text looks on a background with the Hex color C67307.



This preview shows how white text looks on a background with the Hex color C67307.

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
C67307

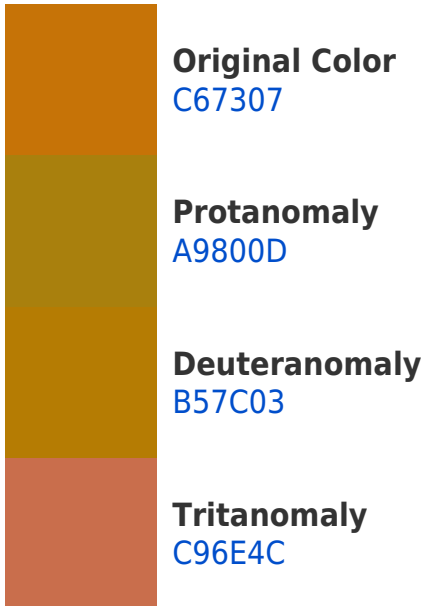
Protanopia
998811

Deuteranopia
AC8100

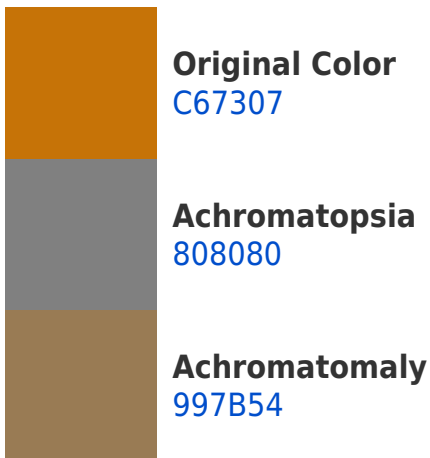


Tritanopia
CA6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C67307 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 #C67307 looks like.

```
.text, #text, p{  
    color:#C67307  
}
```

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 #C67307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C67307
}
```

Border

The CSS property to change the border of an element to Hex C67307 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
#C67307 }
```

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

```
.border{ border-color:#C67307 }
```

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

Here you see how a box with a 4 pixel #C67307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C67307; -webkit-box-shadow:4px 4px  
4px 4px #C67307; box-shadow:4px 4px 4px  
4px #C67307 }
```

Background

The CSS property to change the background color of an element to Hex C67307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C67307 }
```

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

```
.background{ background-color:#C67307 }
```

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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