

# Converting Colors

Hex(C07127)

Have a look what the booklet for  
Hex(C07127) contains.

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**Color**

**Hex(C07127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C07127
RGB	192, 113, 39
RGB Percent	75%, 44%, 15%
CMY	0.2471, 0.5569, 0.8471
CMYK	0.00, 0.41, 0.80, 0.25
HSL	29°, 66%, 45%
HSV	29°, 80%, 75%
XYZ	28.0096, 23.1632, 4.9141
YIQ	128.1850, 70.8380, -6.2660

# Conversions

## Conversions Part 2

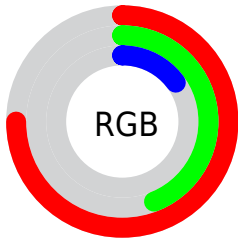
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 182, 39</a>
Decimal	<a href="#">12611879</a>
CIELab	<a href="#">55.24, 25.66, 51.62</a>
CIELCh	<a href="#">55, 57.647, 63.567</a>
Yxy	<a href="#">23.1632, 0.4994, 0.4130</a>
Android (android.graphics.Color)	<a href="#">4290801959 (0xFFC07127)</a>
YUV	<a href="#">128.1850, -43.9682, 55.9658</a>
Hunter-Lab	<a href="#">48.1282, 19.6589, 27.6359</a>

# Details

The Hex color **C07127** 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 **2776C0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FDA55A**, and **854000** is the 20% darker color. If you saturate the color by 10%, you get **C06714**, and if you desaturate by 10%, it is **C07B3A**.

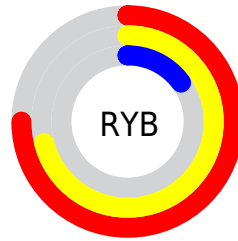
# Distribution



Red (75%)

Green (44%)

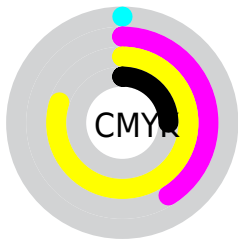
Blue (15%)



Red (75%)

Yellow (71%)

Blue (15%)

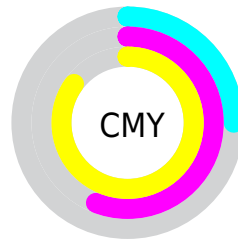


Cyan (0%)

Magenta (41%)

Yellow (80%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C07127 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 C07127 by changing the saturation by 10% instead.



 C07127

 C07127

FFFFFF

 A25809

 FDA55A

 854000

 FFC174

 682900

 FFDD8E

 4C1300

 FFF9A9

 310000

 FFFFFC5

 0D0000

 FFFFFE1

 000000

 C07127

 C07127

 C06714

 C07B3A

 C05D01

 C0854D

 C05D00

 C08F61

 C09974

 C0A387

 C0AC9A

 C0B6AD

 C0C0C1

 C0CAD4

# Harmonies

## Analogous

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



D95D50



C07127



98840F

# Triad

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



C07127



009C89



8D74D8

# Complementary

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



C07127



2776C0

# 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.



0088E8



C07127



009BBA

# Square

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



C07127



009955



0095DD



C55EB2

# Rectangle

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



C07127



778D1C



0095DD



707CE0



# Sweetspot

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



C07127



FADBBE



C02776



7D6A59



FCFCFC



7D7D7D



# Same Dimension

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



C07127



FA7E0A



C0BD27



615C57



A14E00



211000



# Inverse Universe

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



2776C0



0A86FA



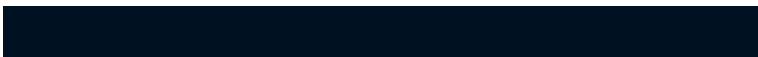
272AC0



575C61



0053A1

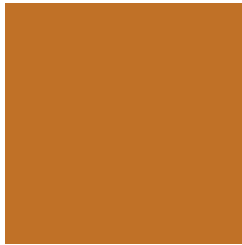


001121



# Previews

## White Background



This preview shows how the Hex color C07127 looks on a white background.

## Color Contrast Check

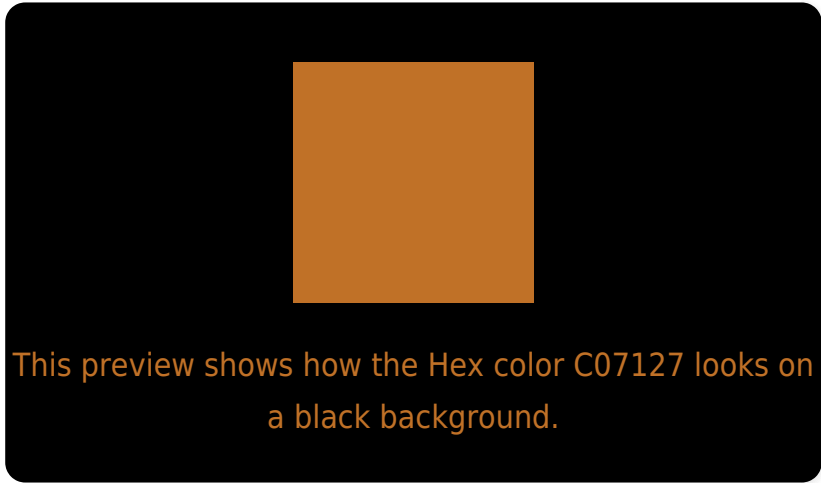
Large Text (above 18pt) WCAG AA ✓ Pass

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 C07127 Background



This preview shows how black text looks on a background with the Hex color C07127.



This preview shows how white text looks on a background with the Hex color C07127.

# 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**  
C07127

**Protanopia**  
95852C

**Deuteranopia**  
A77E22



**Tritanopia**  
C46A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C07127 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 #C07127 looks like.

```
.text, #text, p{  
    color:#C07127  
}
```

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 #C07127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C07127
}
```

## Border

The CSS property to change the border of an element to Hex C07127 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
#C07127 }
```

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

```
.border{ border-color:#C07127 }
```

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

Here you see how a box with a 4 pixel #C07127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C07127; -webkit-box-shadow:4px 4px  
4px 4px #C07127; box-shadow:4px 4px 4px  
4px #C07127 }
```

# Background

The CSS property to change the background color of an element to Hex C07127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C07127 }
```

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

```
.background{ background-color:#C07127 }
```

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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