

# Converting Colors

Hex(CA5F0D)

Have a look what the booklet for  
Hex(CA5F0D) contains.

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**Color**

**Hex(CA5F0D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA5F0D
RGB	202, 95, 13
RGB Percent	79%, 37%, 5%
CMY	0.2078, 0.6275, 0.9490
CMYK	0.00, 0.53, 0.94, 0.21
HSL	26°, 88%, 42%
HSV	26°, 94%, 79%
XYZ	28.5220, 20.7700, 2.8865
YIQ	117.6450, 90.0940, -2.8180

# Conversions

## Conversions Part 2

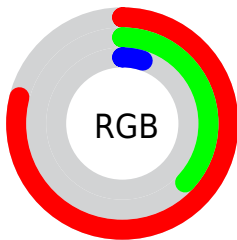
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">202, 158, 13</a>
Decimal	<a href="#">13262605</a>
CIELab	<a href="#">52.70, 38.64, 58.81</a>
CIElCh	<a href="#">53, 70.366, 56.693</a>
Yxy	<a href="#">20.7700, 0.5466, 0.3981</a>
Android (android.graphics.Color)	<a href="#">4291452685</a> ( <a href="#">0xFFCA5F0D</a> )
YUV	<a href="#">117.6450, -51.5900, 73.9793</a>
Hunter-Lab	<a href="#">45.5742, 31.9571, 28.1467</a>

# Details

The Hex color **CA5F0D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0D78CA**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9345**, and **8D2C00** is the 20% darker color. If you saturate the color by 10%, you get **CA5800**, and if you desaturate by 10%, it is **CA6A21**.

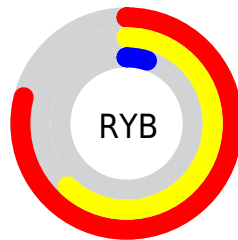
# Distribution



Red (79%)

Green (37%)

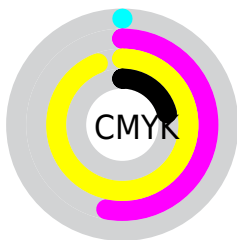
Blue (5%)



Red (79%)

Yellow (62%)

Blue (5%)

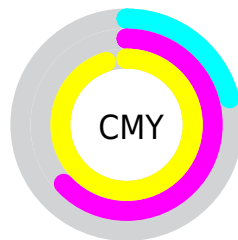


Cyan (0%)

Magenta (53%)

Yellow (94%)

Black (21%)



Cyan (21%)

Magenta (63%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA5F0D 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 CA5F0D by changing the saturation by 10% instead.



CA5F0D

CA5F0D

FFFFFF

AB4600

FF9345

8D2C00

FFAF5F

6E1100

FFCB7A

510000

FFE794

360000

FFFFB0

110000

FFFFCC

000000

FFFFE9

CA5F0D

CA5F0D

■ CA5800

■ CA6A21

■ CA7635

■ CA814A

■ CA8D5E

■ CA9872

■ CAA486

■ CAAF9A

■ CABAAF

■ CAC6C3

# Harmonies

## Analogous

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



E4414C



CA5F0D



9E7900

# Triad

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



CA5F0D



009875



6A71EB

# Complementary

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



CA5F0D



0D78CA

# 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.



0087F8



CA5F0D



0098B3

# Square

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



CA5F0D



009436



0094E3



BF51C1

# Rectangle

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



CA5F0D



788500



0094E3



2C79F3



# Sweetspot

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



CA5F0D



FFD7B8



CA0D78



806754



000000



808080



# Same Dimension

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



CA5F0D



FF6F00



CABD0D



66605C



A64800



261100



# Inverse Universe

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



0D78CA



0090FF



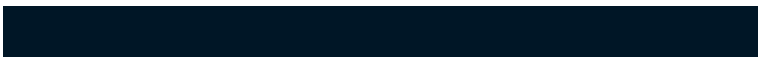
0D1ACA



5C6266



005EA6



001626



# Previews

## White Background



This preview shows how the Hex color CA5F0D looks on a white background.

## Color Contrast Check

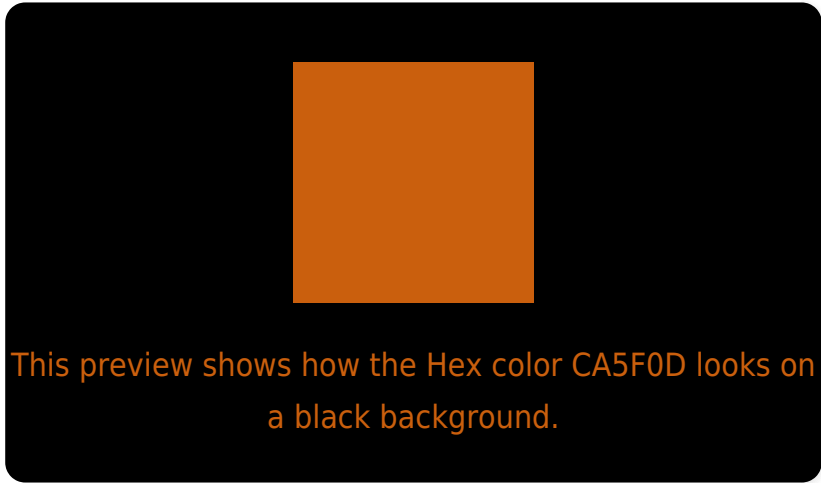
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA5F0D Background



This preview shows how black text looks on a background with the Hex color CA5F0D.



This preview shows how white text looks on a background with the Hex color CA5F0D.

# 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



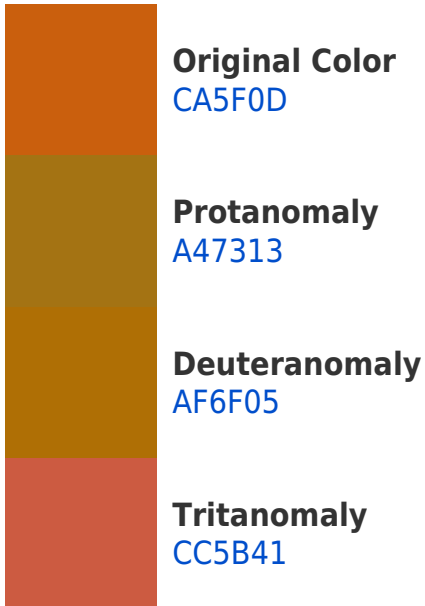
**Original Color**  
CA5F0D

**Protanopia**  
8E7F17

**Deuteranopia**  
A07800



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA5F0D 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 #CA5F0D looks like.

```
.text, #text, p{  
    color:#CA5F0D  
}
```

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 #CA5F0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5F0D
}
```

## Border

The CSS property to change the border of an element to Hex CA5F0D 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
#CA5F0D }
```

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

```
.border{ border-color:#CA5F0D }
```

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

Here you see how a box with a 4 pixel #CA5F0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5F0D; -webkit-box-shadow:4px 4px  
4px 4px #CA5F0D; box-shadow:4px 4px 4px  
4px #CA5F0D }
```

# Background

The CSS property to change the background color of an element to Hex CA5F0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5F0D }
```

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

```
.background{ background-color:#CA5F0D }
```

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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