

# Converting Colors

Hex(CB5E0D)

Have a look what the booklet for  
Hex(CB5E0D) contains.

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# Color

**Hex(CB5E0D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB5E0D
RGB	203, 94, 13
RGB Percent	80%, 37%, 5%
CMY	0.2039, 0.6314, 0.9490
CMYK	0.00, 0.54, 0.94, 0.20
HSL	26°, 88%, 42%
HSV	26°, 94%, 80%
XYZ	28.7040, 20.7310, 2.8694
YIQ	117.3570, 90.9650, -2.0830

# Conversions

## Conversions Part 2

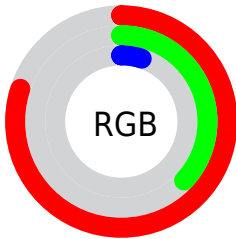
Format	Color
<a href="#">RYB</a>	<a href="#">203, 154, 13</a>
Decimal	<a href="#">13327885</a>
CIELab	<a href="#">52.65, 39.54, 58.85</a>
CIELCh	<a href="#">53, 70.899, 56.107</a>
Yxy	<a href="#">20.7310, 0.5488, 0.3964</a>
Android (android.graphics.Color)	<a href="#">4291517965 (0xFFCB5E0D)</a>
YUV	<a href="#">117.3570, -51.4480, 75.1089</a>
Hunter-Lab	<a href="#">45.5313, 32.8507, 28.1354</a>

# Details

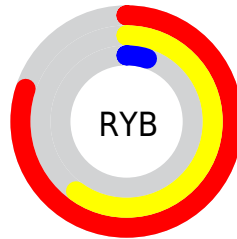
The Hex color **CB5E0D** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **0D7ACB**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9345**, and **8D2B00** is the 20% darker color. If you saturate the color by 10%, you get **CB5700**, and if you desaturate by 10%, it is **CB6A21**.

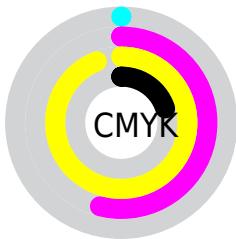
# Distribution



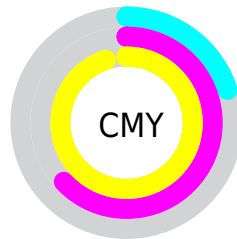
- Red (80%)
- Green (37%)
- Blue (5%)



- Red (80%)
- Yellow (60%)
- Blue (5%)



- Cyan (0%)
- Magenta (54%)
- Yellow (94%)
- Black (20%)



- Cyan (20%)
- Magenta (63%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB5E0D 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 CB5E0D by changing the saturation by 10% instead.



 CB5E0D

 CB5E0D

FFFFFF

 AC4500

 FF9345

 8D2B00

 FFAE5F

 6F0F00

 FFCA7A

 520000

 FFE694

 370000

 FFFF80

 120000

 FFFFCC

 000000

 FFFF99

 CB5E0D

 CB5E0D

 CB5700

 CB6A21

 CB7536

 CB814A

 CB8D5E

 CB9873

 CBA487

 CBB09B

 CBBBAF

 CBC7C4

# Harmonies

## Analogous

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



E53F4C



CB5E0D



9E7800

# Triad

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



CB5E0D



009874



6771EC

# Complementary

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



CB5E0D



0D7ACB

# 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.



0088F8



CB5E0D



0098B2

# Square

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



CB5E0D



009334



0094E3



BE51C3

# Rectangle

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



CB5E0D



798500



0094E3



227AF4



# Sweetspot

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



CB5E0D



FFD6B8



CB0D7C



806754



000000



808080



# Same Dimension

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



CB5E0D



FF6D00



CBBB0D



66605C



A64700



261000

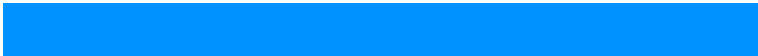


# Inverse Universe

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



0D7ACB



0092FF



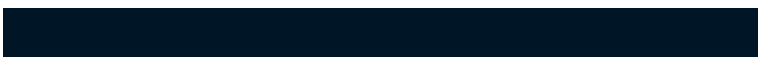
0D1DCB



5C6266



005FA6



001626



# Previews

## White Background



This preview shows how the Hex color CB5E0D looks on a white background.

## Color Contrast Check

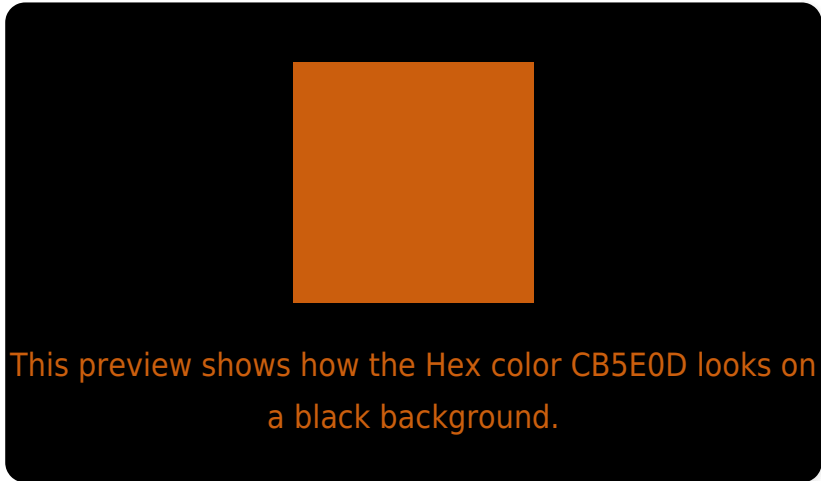
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5E0D Background



This preview shows how black text looks on a background with the Hex color CB5E0D.



This preview shows how white text looks on a background with the Hex color CB5E0D.

# 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



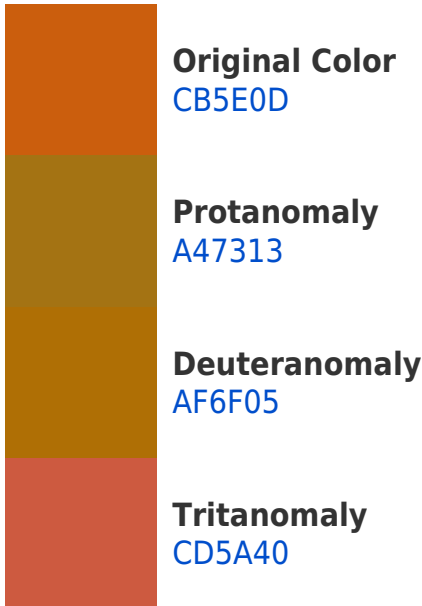
**Original Color**  
CB5E0D

**Protanopia**  
8E7F17

**Deuteranopia**  
9F7800



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB5E0D 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 #CB5E0D looks like.

```
.text, #text, p{  
    color:#CB5E0D  
}
```

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 #CB5E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5E0D }  
}
```

## Border

The CSS property to change the border of an element to Hex CB5E0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

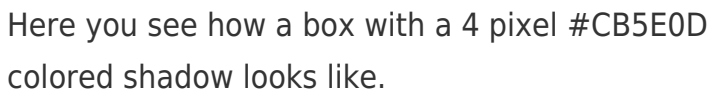
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CB5E0D }  
}
```

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

```
.border{ border-color:#CB5E0D }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CB5E0D colored shadow looks like."

Here you see how a box with a 4 pixel #CB5E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5E0D; -webkit-box-shadow:4px 4px  
4px 4px #CB5E0D; box-shadow:4px 4px 4px  
4px #CB5E0D }
```

# Background

The CSS property to change the background color of an element to Hex CB5E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5E0D }
```

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

```
.background{ background-color:#CB5E0D }
```

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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