

# Converting Colors

Hex(D07517)

Have a look what the booklet for  
Hex(D07517) contains.

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**Color**

**Hex(D07517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D07517
RGB	208, 117, 23
RGB Percent	82%, 46%, 9%
CMY	0.1843, 0.5412, 0.9098
CMYK	0.00, 0.44, 0.89, 0.18
HSL	30°, 80%, 45%
HSV	30°, 89%, 82%
XYZ	32.5284, 26.1943, 4.1522
YIQ	133.4930, 84.4100, -9.9420

# Conversions

## Conversions Part 2

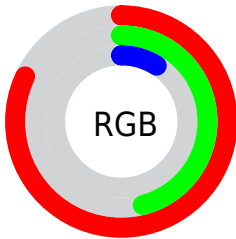
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 208, 23
Decimal	13661463
CIE Lab	58.22, 29.82, 60.65
CIE LCh	58, 67.584, 63.817
Yxy	26.1943, 0.5174, 0.4166
Android (android.graphics.Color)	4291851543 (0xFFD07517)
YUV	133.4930, -54.4730, 65.3426
Hunter-Lab	51.1804, 23.8823, 31.0162

# Details

The Hex color **D07517** 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 **1772D0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FFAA4F**, and **934300** is the 20% darker color. If you saturate the color by 10%, you get **D06B02**, and if you desaturate by 10%, it is **D07F2C**.

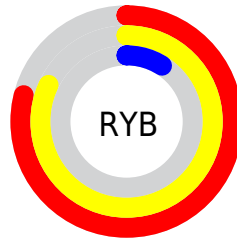
# Distribution



Red (82%)

Green (46%)

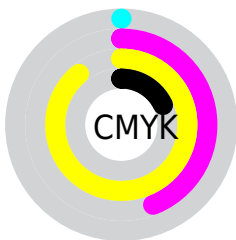
Blue (9%)



Red (79%)

Yellow (82%)

Blue (9%)

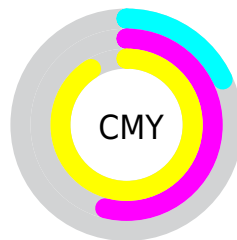


Cyan (0%)

Magenta (44%)

Yellow (89%)

Black (18%)



Cyan (18%)

Magenta (54%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D07517 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 D07517 by changing the saturation by 10% instead.



 D07517

 D07517

FFFFFF

 B15C00

 FFAA4F

 934300

 FFC569

 752C00

 FFE184

 581400

 FFFE9F

 3C0000

 FFFFBB

 240001

 FFFFD7

 000000

 FFFFF4

 D07517

 D07517

 D06B02

 D07F2C

 D06A00

 D08941

 D09455

 D09E6A

 D0A87F

 D0B294

 D0BDA9

 D0C7BD

 D0D1D2

# Harmonies

## Analogous

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



EE5B4E



D07517



A18C00

# Triad

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



D07517



00A792



9579EF

# Complementary

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



D07517



1772D0

# 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.



0091FF



D07517



00A6CD

# Square

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



D07517



00A355



00A0F6



D85CC1

# Rectangle

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



D07517



7A9700



00A0F6



7182F9



# Sweetspot

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



D07517



FFDDBA



D01773



806B57



000000



808080



# Same Dimension

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



D07517



FF8200



D0D017



69635E



A85600



291500



# Inverse Universe

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



1772D0



007DFF



1717D0



5E6369



0053A8



001429



# Previews

## White Background



This preview shows how the Hex color D07517 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 D07517 Background



This preview shows how black text looks on a background with the Hex color D07517.



This preview shows how white text looks on a background with the Hex color D07517.

# 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**  
D07517

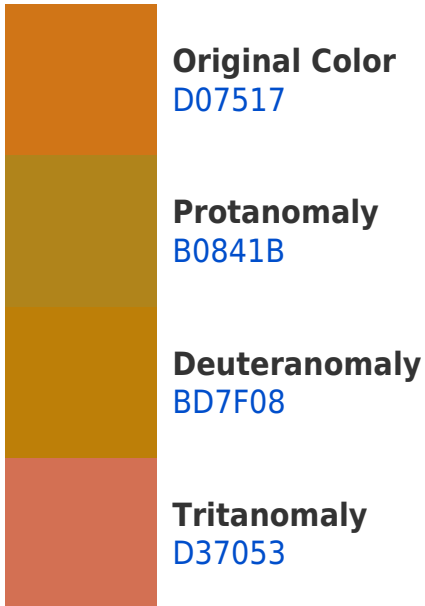
**Protanopia**  
9E8D1D

**Deuteranopia**  
B28500

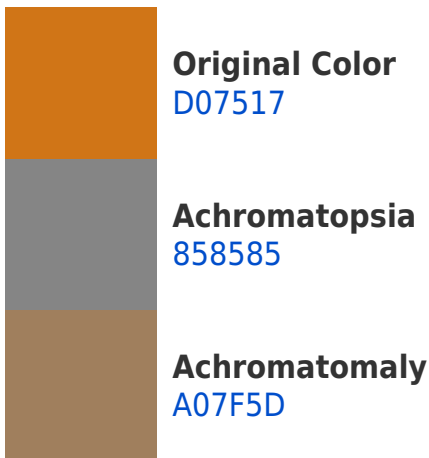


**Tritanopia**  
D46D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D07517 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 #D07517 looks like.

```
.text, #text, p{  
    color:#D07517  
}
```

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 #D07517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D07517
}
```

## Border

The CSS property to change the border of an element to Hex D07517 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
#D07517 }
```

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

```
.border{ border-color:#D07517 }
```

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

Here you see how a box with a 4 pixel #D07517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D07517; -webkit-box-shadow:4px 4px  
4px 4px #D07517; box-shadow:4px 4px 4px  
4px #D07517 }
```

# Background

The CSS property to change the background color of an element to Hex D07517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D07517 }
```

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

```
.background{ background-color:#D07517 }
```

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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