

# Converting Colors

Hex(D07122)

Have a look what the booklet for  
Hex(D07122) contains.

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**Color**

**Hex(D07122)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D07122
RGB	208, 113, 34
RGB Percent	82%, 44%, 13%
CMY	0.1843, 0.5569, 0.8667
CMYK	0.00, 0.46, 0.84, 0.18
HSL	27°, 72%, 47%
HSV	27°, 84%, 82%
XYZ	32.2063, 25.3356, 4.7062
YIQ	132.3990, 81.9790, -4.4290

# Conversions

## Conversions Part 2

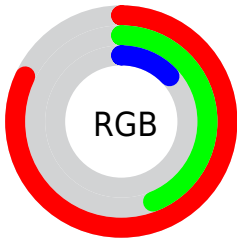
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 179, 34</a>
Decimal	<a href="#">13660450</a>
<a href="#">CIELab</a>	<a href="#">57.40, 32.20, 56.36</a>
<a href="#">CIElCh</a>	<a href="#">57, 64.913, 60.263</a>
<a href="#">Yxy</a>	<a href="#">25.3356, 0.5174, 0.4070</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291850530 (0xFFD07122)</a>
<a href="#">YUV</a>	<a href="#">132.3990, -48.5107, 66.3021</a>
<a href="#">Hunter-Lab</a>	<a href="#">50.3345, 26.1269, 29.6907</a>

# Details

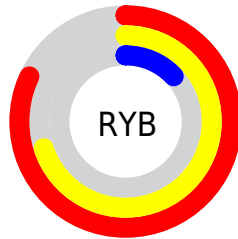
The Hex color **D07122** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2281D0**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA656**, and **933F00** is the 20% darker color. If you saturate the color by 10%, you get **D0660D**, and if you desaturate by 10%, it is **D07C37**.

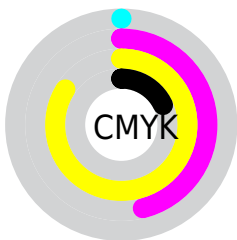
# Distribution



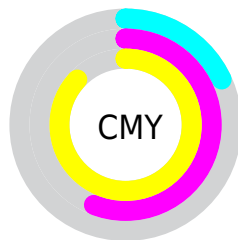
- Red (82%)
- Green (44%)
- Blue (13%)



- Red (82%)
- Yellow (70%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (56%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D07122 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 D07122 by changing the saturation by 10% instead.



 D07122

 D07122

FFFFFF

 B15800

 FFA656

 933F00

 FFC170

 752700

 FFDD8B

 580E00

 FFFAA6

 3C0000

 FFFFC2

 230001

 FFFFDE

 000000

 FFFFFB

 D07122

 D07122

 D0660D

 D07C37

 D05E00

 D0884C

 D09360

 D09E75

 D0AA8A

 D0B59F

 D0C0B4

 D0CCC8

 D0D7DD

# Harmonies

## Analogous

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



EB5954



D07122



A48700

# Triad

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



D07122



00A489



887AEC

# Complementary

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



D07122



2281D0

# 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.



0090FC



D07122



00A3C2

# Square

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



D07122



00A04E



009EEC



CE60C3

# Rectangle

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



D07122



809300



009EEC



6283F5

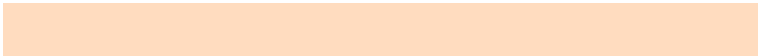


# Sweetspot

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



D07122



FFDCBF



D02282



806B59



000000



808080



# Same Dimension

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



D07122



FF7400



D0C722



69635E



A84C00



291300



# Inverse Universe

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



2281D0



008BFF



222BD0



5E6469



005CA8



001629



# Previews

## White Background



This preview shows how the Hex color D07122 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 D07122 Background



This preview shows how black text looks on a background with the Hex color D07122.



This preview shows how white text looks on a background with the Hex color D07122.

# 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**  
D07122

**Protanopia**  
9B8B29

**Deuteranopia**  
AE8319



**Tritanopia**  
D46A71

# Trichromacy



**Original Color**  
D07122

**Protanomaly**  
AE8226

**Deuteranomaly**  
BA7C1C

**Tritanomaly**  
D36D54

# Monochromacy



**Original Color**  
D07122

**Achromatopsia**  
848484

**Achromatomaly**  
A07D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D07122 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 #D07122 looks like.

```
.text, #text, p{  
    color:#D07122  
}
```

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 #D07122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D07122
}
```

## Border

The CSS property to change the border of an element to Hex D07122 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
#D07122 }
```

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

```
.border{ border-color:#D07122 }
```

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

Here you see how a box with a 4 pixel #D07122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D07122; -webkit-box-shadow:4px 4px  
4px 4px #D07122; box-shadow:4px 4px 4px  
4px #D07122 }
```

# Background

The CSS property to change the background color of an element to Hex D07122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D07122 }
```

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

```
.background{ background-color:#D07122 }
```

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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