

# Converting Colors

Hex(D15C06)

Have a look what the booklet for  
Hex(D15C06) contains.

<b>Hex(D15C06)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D15C06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D15C06
RGB	209, 92, 6
RGB Percent	82%, 36%, 2%
CMY	0.1804, 0.6392, 0.9765
CMYK	0.00, 0.56, 0.97, 0.18
HSL	25°, 94%, 42%
HSV	25°, 97%, 82%
XYZ	30.1545, 21.2228, 2.6794
YIQ	117.1790, 97.3380, -1.9420

# Conversions

## Conversions Part 2

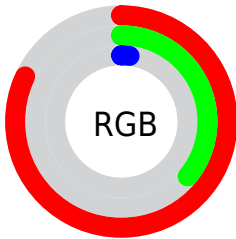
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 155, 6
Decimal	13720582
CIE <sub>Lab</sub>	53.19, 42.77, 61.12
CIE <sub>LCh</sub>	53, 74.604, 55.017
Yxy	21.2228, 0.5578, 0.3926
Android (android.graphics.Color)	4291910662 (0xFFD15C06)
YUV	117.1790, -54.8112, 80.5270
Hunter-Lab	46.0682, 36.2202, 28.7993

# Details

The Hex color **D15C06** 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 **067BD1**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9142**, and **932800** is the 20% darker color. If you saturate the color by 10%, you get **D15900**, and if you desaturate by 10%, it is **D1681B**.

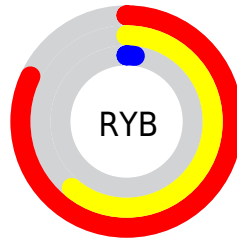
# Distribution



Red (82%)

Green (36%)

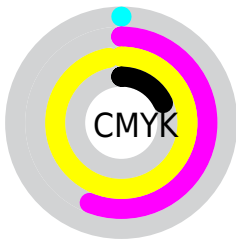
Blue (2%)



Red (82%)

Yellow (61%)

Blue (2%)

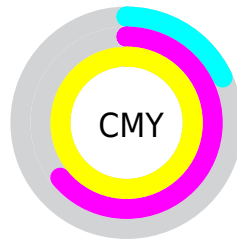


Cyan (0%)

Magenta (56%)

Yellow (97%)

Black (18%)



Cyan (18%)

Magenta (64%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D15C06 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 D15C06 by changing the saturation by 10% instead.



 D15C06

 D15C06

FFFFFF

 B24200

 FF9142

 932800

 FFAC5C

 740800

 FFC877

 560000

 FFE591

 3B0000

 FFFFAD

 1A0001

 FFFFC9

 000000

 FFFFEE

 D15C06

 D15C06

 D15900

 D1681B

 D17430

 D18045

 D18C5A

 D1986F

 D1A483

 D1B098

 D1BCAD

 D1C8C2

# Harmonies

## Analogous

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



EB394D



D15C06



A37900

# Triad

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



D15C06



009A72



5F73F5

# Complementary

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



D15C06



067BD1

# 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.



008AFF



D15C06



009BB4

# Square

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



D15C06



00952E



0097E8



C050CA

# Rectangle

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



D15C06



7C8600



0097E8



007CFD



# Sweetspot

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



D15C06



FFD4B5



D1067C



806653



000000



808080



# Same Dimension

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



D15C06



FF6C00



D1C006



69635E



A84700



291100

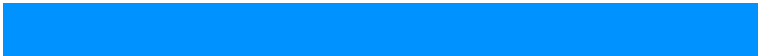


# Inverse Universe

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



067BD1



0093FF



0617D1



5E6469



0061A8



001829



# Previews

## White Background



This preview shows how the Hex color D15C06 looks on a white background.

## Color Contrast Check

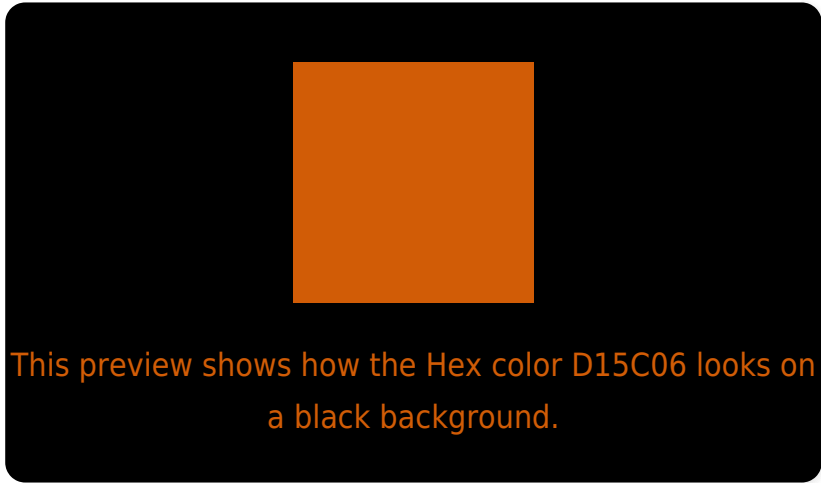
Large Text (above 18pt) WCAG AA ✓ Pass

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 D15C06 Background



This preview shows how black text looks on a background with the Hex color D15C06.



This preview shows how white text looks on a background with the Hex color D15C06.

# 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](#).

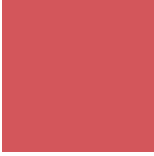
## Dichromacy



**Original Color**  
D15C06

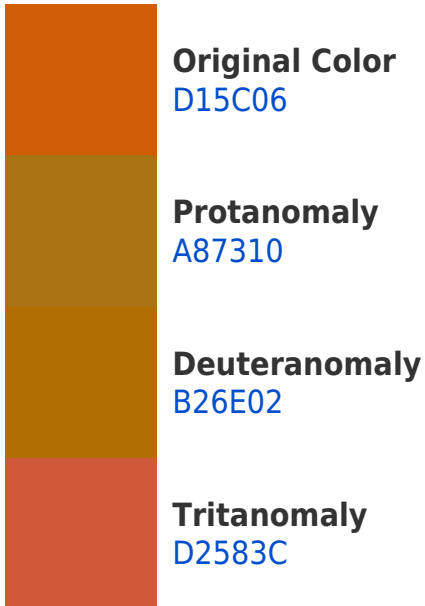
**Protanopia**  
908015

**Deuteranopia**  
A17900



**Tritanopia**  
D3565B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D15C06 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 #D15C06 looks like.

```
.text, #text, p{  
    color:#D15C06  
}
```

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 #D15C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D15C06
}
```

## Border

The CSS property to change the border of an element to Hex D15C06 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
#D15C06 }
```

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

```
.border{ border-color:#D15C06 }
```

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

Here you see how a box with a 4 pixel #D15C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D15C06; -webkit-box-shadow:4px 4px  
4px 4px #D15C06; box-shadow:4px 4px 4px  
4px #D15C06 }
```

# Background

The CSS property to change the background color of an element to Hex D15C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D15C06 }
```

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

```
.background{ background-color:#D15C06 }
```

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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