

Converting Colors

Hex(D05800)

Have a look what the booklet for
Hex(D05800) contains.

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Color

Hex(D05800)

Conversions

Conversions Part 1

Format	Color
Hex	D05800
RGB	208, 88, 0
RGB Percent	82%, 35%, 0%
CMY	0.1843, 0.6549, 1.0000
CMYK	0.00, 0.58, 1.00, 0.18
HSL	25°, 100%, 41%
HSV	25°, 100%, 82%
XYZ	29.5021, 20.3893, 2.3806
YIQ	113.8480, 99.7680, -1.9280

Conversions

Conversions Part 2

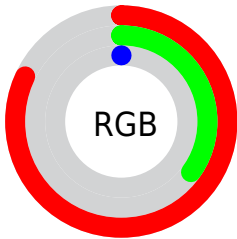
Format	Color
RYB	208, 153, 0
Decimal	13654016
CIELab	52.27, 44.25, 61.79
CIElCh	52, 76.001, 54.391
Yxy	20.3893, 0.5644, 0.3901
Android (android.graphics.Color)	4291844096 (0xFFD05800)
YUV	113.8480, -56.1271, 82.5713
Hunter-Lab	45.1546, 37.6041, 28.4824

Details

The Hex color **D05800** 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 **0078D0**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8D3E**, and **912300** is the 20% darker color. If you saturate the color by 10%, you get **D05800**, and if you desaturate by 10%, it is **D06415**.

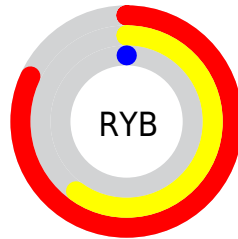
Distribution



Red (82%)

Green (35%)

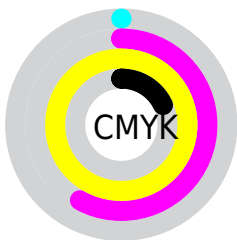
Blue (0%)



Red (82%)

Yellow (60%)

Blue (0%)

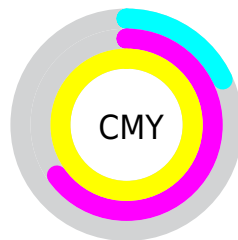


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D05800 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 D05800 by changing the saturation by 10% instead.

 D05800

 D05800

FFFFFF

 B03E00

 FF8D3E

 912300

 FFA859

 730000

 FFC473

 550000

 FFE18E

 3A0001

 FFFEA9

 170000

 FFFFC5

 000000

 FFFFEE2

 D05800

 D06415

 D0702A

 D07C3E

 D08853

 D09468

 D0A07D

 D0AC92

 D0B8A6

 D0C4BB

Harmonies

Analogous

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



EA324B



D05800



A17600

Triad

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



D05800



00986E



5771F5

Complementary

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



D05800



0078D0

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.



0089FF



D05800



0099B1

Square

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



D05800



009328



0095E7



BD4DCA

Rectangle

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



D05800



7A8400



0095E7



007AFD

Sweetspot

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



D05800



FFD3B3



D00079



806552



000000



808080

Same Dimension

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



D05800



FF6C00



D0BF00



69635E



A84700



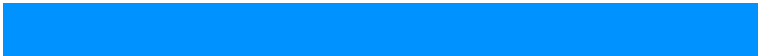
291100

Inverse Universe

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



0078D0



0093FF



0011D0



5E6469



0061A8



001829

Previews

White Background



This preview shows how the Hex color D05800 looks on a white background.

Color Contrast Check

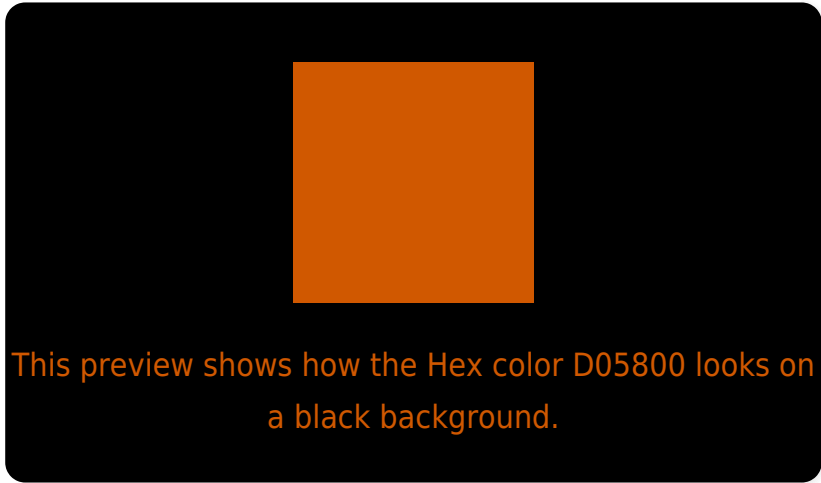
Large Text (above 18pt) WCAG AA ✓ Pass

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 D05800 Background



This preview shows how black text looks on a background with the Hex color D05800.



This preview shows how white text looks on a background with the Hex color D05800.

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
D05800

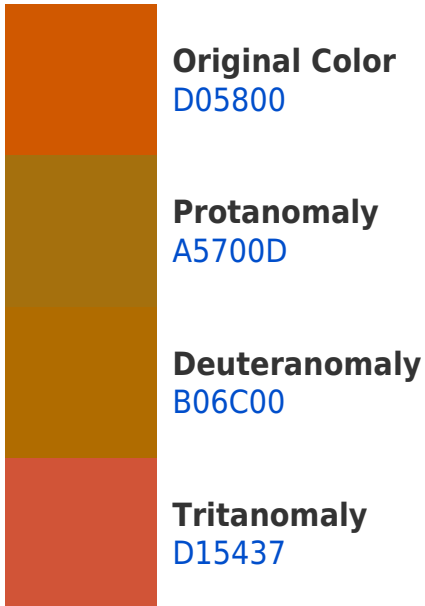
Protanopia
8D7E14

Deuteranopia
9E7700

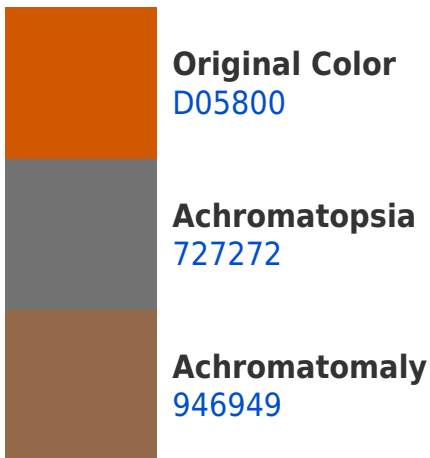


Tritanopia
D25257

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D05800 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 #D05800 looks like.

```
.text, #text, p{  
    color:#D05800  
}
```

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 #D05800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D05800
}
```

Border

The CSS property to change the border of an element to Hex D05800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

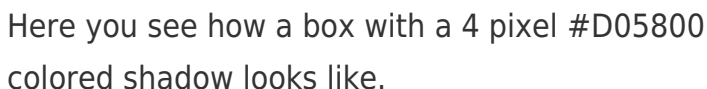
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D05800 }
```

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

```
.border{ border-color:#D05800 }
```

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



Here you see how a box with a 4 pixel #D05800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D05800; -webkit-box-shadow:4px 4px  
4px 4px #D05800; box-shadow:4px 4px 4px  
4px #D05800 }
```

Background

The CSS property to change the background color of an element to Hex D05800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D05800 }
```

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

```
.background{ background-color:#D05800 }
```

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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