

# Converting Colors

Hex(D5911D)

Have a look what the booklet for  
Hex(D5911D) contains.

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# **Color**

**Hex(D5911D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5911D
RGB	213, 145, 29
RGB Percent	84%, 57%, 11%
CMY	0.1647, 0.4314, 0.8863
CMYK	0.00, 0.32, 0.86, 0.16
HSL	38°, 76%, 47%
HSV	38°, 86%, 84%
XYZ	37.7877, 34.4856, 5.8272
YIQ	152.1080, 77.7640, -21.6600

# Conversions

## Conversions Part 2

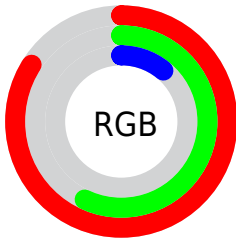
Format	Color
R <sub>YB</sub>	137, 213, 29
Decimal	13996317
CIE Lab	65.35, 17.03, 64.88
CIE LCh	65, 67.079, 75.297
Yxy	34.4856, 0.4838, 0.4416
Android (android.graphics.Color)	4292186397 (0xFFD5911D)
YUV	152.1080, -60.6922, 53.4023
Hunter-Lab	58.7245, 12.0925, 35.2239

# Details

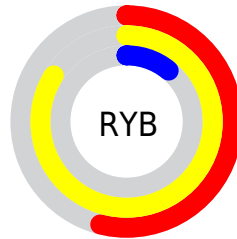
The Hex color **D5911D** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **1D61D5**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFC757**, and **995F00** is the 20% darker color. If you saturate the color by 10%, you get **D58908**, and if you desaturate by 10%, it is **D59932**.

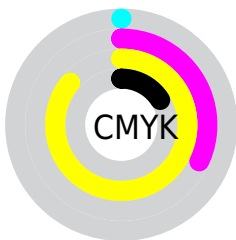
# Distribution



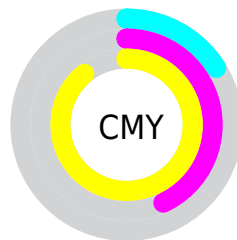
- Red (84%)
- Green (57%)
- Blue (11%)



- Red (54%)
- Yellow (84%)
- Blue (11%)



- Cyan (0%)
- Magenta (32%)
- Yellow (86%)
- Black (16%)



- Cyan (16%)
- Magenta (43%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5911D 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 D5911D by changing the saturation by 10% instead.



 D5911D

 D5911D

FFFFFF

 B77700

 FFC757

 995F00

 FFE372

 7C4700

 FFFF8D

 5F3000

 FFFFA9

 431B00

 FFFFC5

 2A0500

 FFFF E2

 000000

 D5911D

 D5911D

 D58908

 D59932

 D58600

 D5A148

 D5A95D

 D5B072

 D5B888

 D5C09D

 D5C8B2

 D5D0C7

 D5D8DD

# Harmonies

## Analogous

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



FB784B



D5911D



A0A515

# Triad

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



D5911D



00BBBD



C881F4

# Complementary

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



D5911D



1D61D5

# 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.



609BFF



D5911D



00B8F3

# Square

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



D5911D



00B97E



00AEFF



FC69BF

# Rectangle

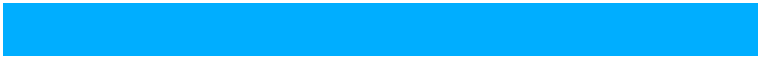
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5911D



74AF32



00AEFF



AE8AFF



# Sweetspot

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



D5911D



FFE6BD



D51D64



807158



000000



808080



# Same Dimension

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



D5911D



FFA100



C0D51D



6B6760



AB6C00



2B1B00



# Inverse Universe

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



1D61D5



005EFF



321DD5



60646B



003FAB



00102B



# Previews

## White Background



This preview shows how the Hex color D5911D looks on a white background.

## Color Contrast Check

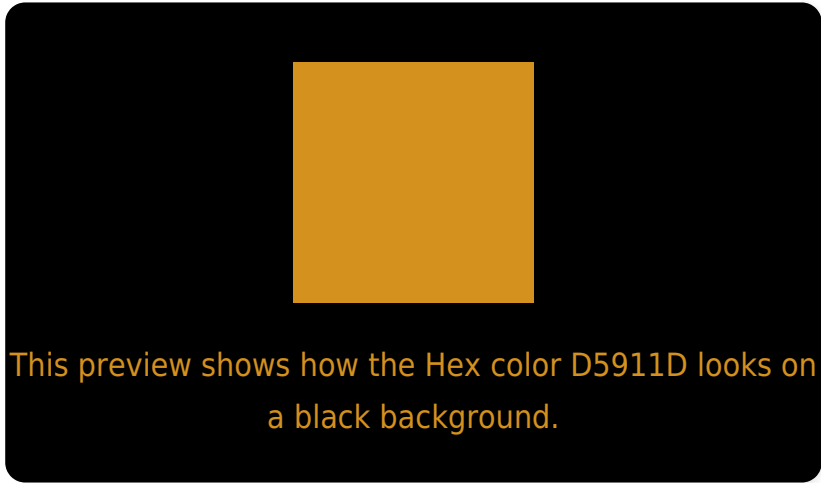
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5911D Background



This preview shows how black text looks on a background with the Hex color D5911D.



This preview shows how white text looks on a background with the Hex color D5911D.

# 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**  
D5911D

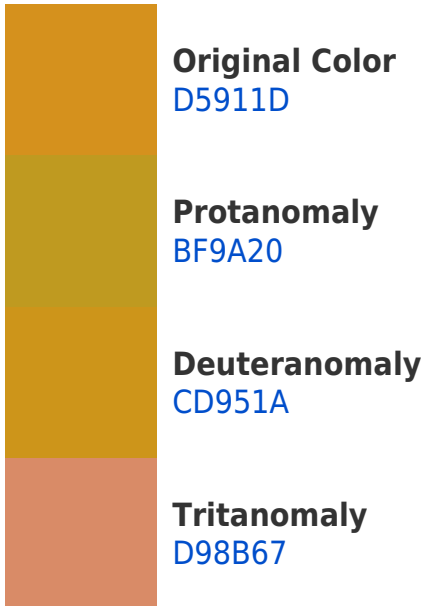
**Protanopia**  
B39F21

**Deuteranopia**  
C99719

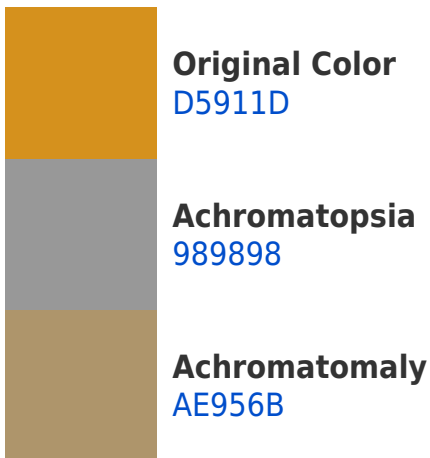


**Tritanopia**  
DB8791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5911D 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 #D5911D looks like.

```
.text, #text, p{  
    color:#D5911D  
}
```

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 #D5911D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5911D
}
```

## Border

The CSS property to change the border of an element to Hex D5911D 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
#D5911D }
```

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

```
.border{ border-color:#D5911D }
```

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

Here you see how a box with a 4 pixel #D5911D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5911D; -webkit-box-shadow:4px 4px  
4px 4px #D5911D; box-shadow:4px 4px 4px  
4px #D5911D }
```

# Background

The CSS property to change the background color of an element to Hex D5911D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5911D }
```

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

```
.background{ background-color:#D5911D }
```

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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