

# Converting Colors

Hex(D6680F)

Have a look what the booklet for  
Hex(D6680F) contains.

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**Color**

**Hex(D6680F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6680F
RGB	214, 104, 15
RGB Percent	84%, 41%, 6%
CMY	0.1608, 0.5922, 0.9412
CMYK	0.00, 0.51, 0.93, 0.16
HSL	27°, 87%, 45%
HSV	27°, 93%, 84%
XYZ	32.7681, 24.2313, 3.4020
YIQ	126.7440, 94.1290, -4.3590

# Conversions

## Conversions Part 2

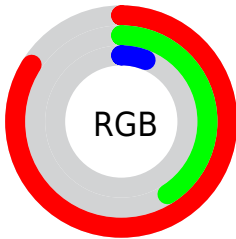
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 176, 15</a>
Decimal	<a href="#">14051343</a>
<a href="#">CIELab</a>	<a href="#">56.32, 38.88, 61.70</a>
<a href="#">CIElCh</a>	<a href="#">56, 72.923, 57.782</a>
<a href="#">Yxy</a>	<a href="#">24.2313, 0.5425, 0.4012</a>
Android (android.graphics.Color)	<a href="#">4292241423</a> (0xFFD6680F)
<a href="#">YUV</a>	<a href="#">126.7440, -55.0898, 76.5235</a>
<a href="#">Hunter-Lab</a>	<a href="#">49.2253, 32.6790, 30.3601</a>

# Details

The Hex color **D6680F** 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 **0F7DD6**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF9D48**, and **983500** is the 20% darker color. If you saturate the color by 10%, you get **D66000**, and if you desaturate by 10%, it is **D67424**.

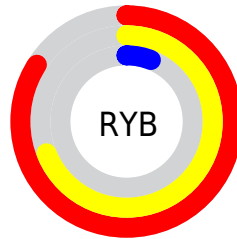
# Distribution



Red (84%)

Green (41%)

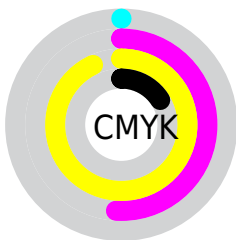
Blue (6%)



Red (84%)

Yellow (69%)

Blue (6%)

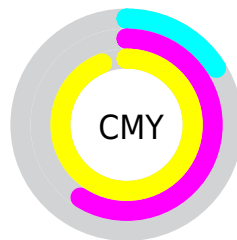


Cyan (0%)

Magenta (51%)

Yellow (93%)

Black (16%)



Cyan (16%)

Magenta (59%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6680F 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 D6680F by changing the saturation by 10% instead.



 D6680F

 D6680F

FFFFFF

 B74F00

 FF9D48

 983500

 FFB863

 791B00

 FFD47D

 5C0000

 FFF198

 3F0000

 FFFF84

 250001

 FFFFD0

 000000

 FFFFED

 D6680F

 D6680F

 D66000

 D67424

 D6803A

 D68B4F

 D69765

 D6A37A

 D6AF8F

 D6BBA5

 D6C7BA

 D6D2D0

# Harmonies

## Analogous

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



F24950



D6680F



A78300

# Triad

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



D6680F



00A380



7778F8

# Complementary

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



D6680F



0F7DD6

# 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.



0090FF



D6680F



00A3C1

# Square

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



D6680F



009E3E



009EF2



CD57CC

# Rectangle

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



D6680F



7F9000



009EF2



3F82FF



# Sweetspot

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



D6680F



FFD8B8



D60F80



806854



000000



808080



# Same Dimension

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



D6680F



FF7200



D6C90F



6B6560



AB4C00



2B1300



# Inverse Universe

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



0F7DD6



008DFF



0F1CD6



60666B



005EAB



00182B



# Previews

## White Background



This preview shows how the Hex color D6680F looks on a white background.

## Color Contrast Check

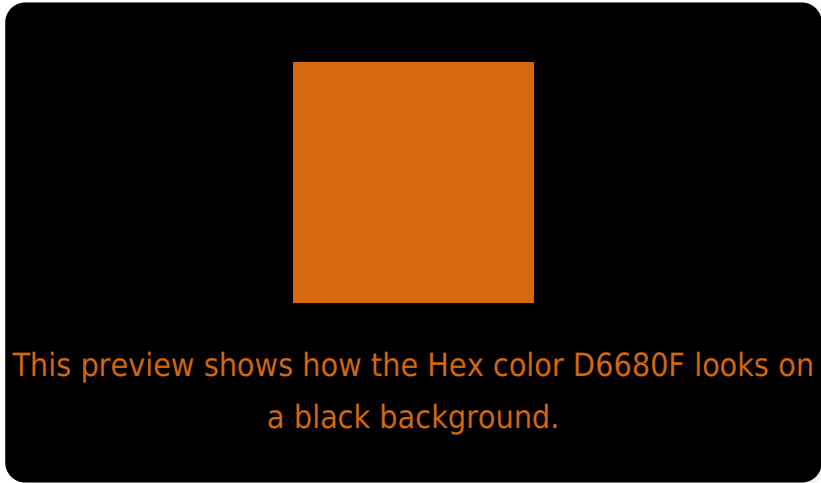
Large Text (above 18pt) WCAG AA ✓ Pass

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 D6680F Background



This preview shows how black text looks on a background with the Hex color D6680F.



This preview shows how white text looks on a background with the Hex color D6680F.

# 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**  
D6680F

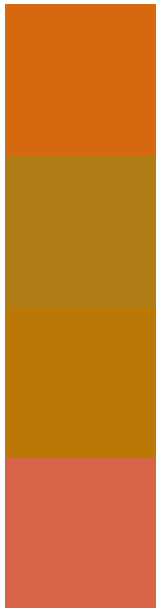
**Protanopia**  
998819

**Deuteranopia**  
AB8100



**Tritanopia**  
D96167

# Trichromacy



**Original Color**  
D6680F

**Protanomaly**  
AF7C15

**Deuteranomaly**  
BB7805

**Tritanomaly**  
D86447

# Monochromacy



**Original Color**  
D6680F

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
9F7756

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6680F 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 #D6680F looks like.

```
.text, #text, p{  
    color:#D6680F  
}
```

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 #D6680F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6680F
}
```

## Border

The CSS property to change the border of an element to Hex D6680F 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
#D6680F }
```

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

```
.border{ border-color:#D6680F }
```

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

Here you see how a box with a 4 pixel #D6680F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6680F; -webkit-box-shadow:4px 4px  
4px 4px #D6680F; box-shadow:4px 4px 4px  
4px #D6680F }
```

# Background

The CSS property to change the background color of an element to Hex D6680F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6680F }
```

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

```
.background{ background-color:#D6680F }
```

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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