

# Converting Colors

Hex(D96F19)

Have a look what the booklet for  
Hex(D96F19) contains.

<b>Hex(D96F19)</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(D96F19)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D96F19
RGB	217, 111, 25
RGB Percent	85%, 44%, 10%
CMY	0.1490, 0.5647, 0.9020
CMYK	0.00, 0.49, 0.88, 0.15
HSL	27°, 79%, 47%
HSV	27°, 88%, 85%
XYZ	34.4752, 26.1908, 4.1580
YIQ	132.8900, 90.7820, -4.2740

# Conversions

## Conversions Part 2

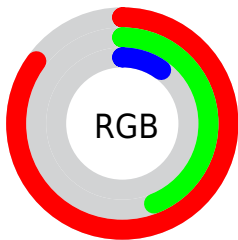
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 181, 25</a>
Decimal	<a href="#">14249753</a>
CIELab	<a href="#">58.22, 36.68, 60.61</a>
CIElCh	<a href="#">58, 70.845, 58.820</a>
Yxy	<a href="#">26.1908, 0.5318, 0.4040</a>
Android (android.graphics.Color)	<a href="#">4292439833</a> ( <a href="#">0xFFD96F19</a> )
YUV	<a href="#">132.8900, -53.1898, 73.7645</a>
Hunter-Lab	<a href="#">51.1769, 30.6863, 31.0067</a>

# Details

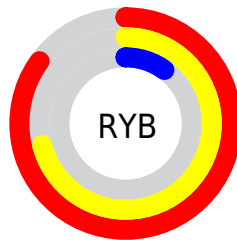
The Hex color **D96F19** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1983D9**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA450**, and **9B3D00** is the 20% darker color. If you saturate the color by 10%, you get **D96303**, and if you desaturate by 10%, it is **D97B2F**.

# Distribution



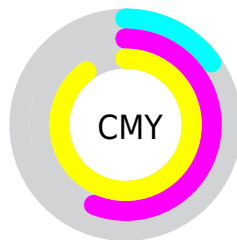
- Red (85%)
- Green (44%)
- Blue (10%)



- Red (85%)
- Yellow (71%)
- Blue (10%)



- Cyan (0%)
- Magenta (49%)
- Yellow (88%)
- Black (15%)



- Cyan (15%)
- Magenta (56%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D96F19 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 D96F19 by changing the saturation by 10% instead.



 D96F19

 D96F19

FFFFFF

 BA5600

 FFA450

 9B3D00

 FFC06A

 7D2400

 FFDC84

 5F0700

 FFF9A0

 420000

 FFFFBB

 2A0001

 FFFFD8

 000000

 FFFFF5

 D96F19

 D96F19

 D96303

 D97B2F

 D96100

 D98744

 D9935A

 D99F70

 D9AB86

 D9B79B

 D9C3B1

 D9CFC7

 D9DBDC

# Harmonies

## Analogous

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



F55254



D96F19



AA8800

# Triad

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



D96F19



00A788



837CFA

# Complementary

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



D96F19



1983D9

# 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.



0094FF



D96F19



00A8C6

# Square

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



D96F19



00A347



00A2F6



D35DCD

# Rectangle

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



D96F19



839500



00A2F6



5386FF



# Sweetspot

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



D96F19



FFD9BA



D91986



806957



000000



808080



# Same Dimension

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



D96F19



FF7200



D9CC19



6E6863



AD4E00



2E1500



# Inverse Universe

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



1983D9



008DFF



1926D9



63696E



0060AD



00192E



# Previews

## White Background



This preview shows how the Hex color D96F19 looks on a white background.

## Color Contrast Check

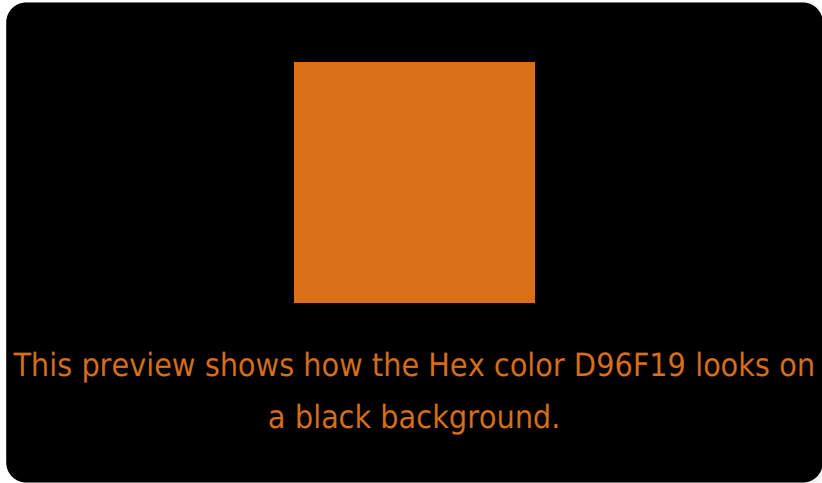
Large Text (above 18pt) WCAG AA ✓ Pass

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 D96F19 Background



This preview shows how black text looks on a background with the Hex color D96F19.



This preview shows how white text looks on a background with the Hex color D96F19.

# 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



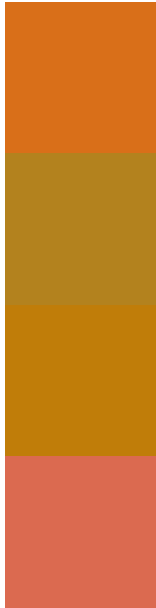
**Original Color**  
D96F19

**Protanopia**  
9E8D21

**Deuteranopia**  
B28500



# Trichromacy



**Original Color**  
D96F19

**Protanomaly**  
B3821E

**Deuteranomaly**  
C07D09

**Tritanomaly**  
DB6A50

# Monochromacy



**Original Color**  
D96F19

**Achromatopsia**  
858585

**Achromatomaly**  
A47D5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D96F19 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 #D96F19 looks like.

```
.text, #text, p{  
    color:#D96F19  
}
```

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 #D96F19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96F19
}
```

## Border

The CSS property to change the border of an element to Hex D96F19 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
#D96F19 }
```

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

```
.border{ border-color:#D96F19 }
```

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

Here you see how a box with a 4 pixel #D96F19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96F19; -webkit-box-shadow:4px 4px  
4px 4px #D96F19; box-shadow:4px 4px 4px  
4px #D96F19 }
```

# Background

The CSS property to change the background color of an element to Hex D96F19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96F19 }
```

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

```
.background{ background-color:#D96F19 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor