

# Converting Colors

Hex(D04F00)

Have a look what the booklet for  
Hex(D04F00) contains.

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**Color**

**Hex(D04F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D04F00
RGB	208, 79, 0
RGB Percent	82%, 31%, 0%
CMY	0.1843, 0.6902, 1.0000
CMYK	0.00, 0.62, 1.00, 0.18
HSL	23°, 100%, 41%
HSV	23°, 100%, 82%
XYZ	28.8084, 19.0019, 2.1494
YIQ	108.5650, 102.2430, 2.7790

# Conversions

## Conversions Part 2

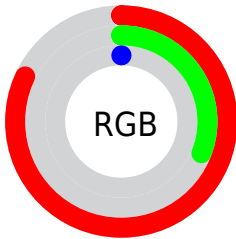
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 127, 0</a>
Decimal	<a href="#">13651712</a>
CIELab	<a href="#">50.69, 48.41, 60.93</a>
CIELCh	<a href="#">51, 77.820, 51.532</a>
Yxy	<a href="#">19.0019, 0.5766, 0.3803</a>
Android (android.graphics.Color)	<a href="#">4291841792 (0xFFD04F00)</a>
YUV	<a href="#">108.5650, -53.5225, 87.2045</a>
Hunter-Lab	<a href="#">43.5911, 41.6822, 27.5904</a>

# Details

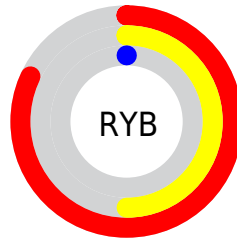
The Hex color **D04F00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0081D0**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF853D**, and **911500** is the 20% darker color. If you saturate the color by 10%, you get **D04F00**, and if you desaturate by 10%, it is **D05C15**.

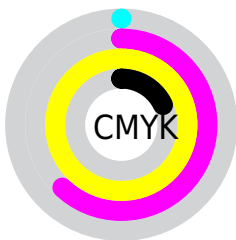
# Distribution



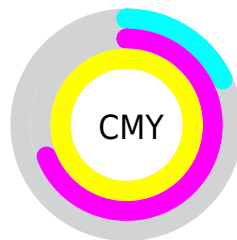
- Red (82%)
- Green (31%)
- Blue (0%)



- Red (82%)
- Yellow (50%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (18%)



- Cyan (18%)
- Magenta (69%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04F00 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 D04F00 by changing the saturation by 10% instead.



 D04F00

 D04F00

FFFFFFC

 B03400

 FF853D

 911500

 FFA057

 720000

 FFBC71

 540000

 FFD88C

 3A0002

 FFF6A7

 130000

 FFFFC3

 000000

 FFFFDF

 D04F00

 D05C15

 D0692A

 D0763E

 D08353

 D09068

 D09C7D

 D0A992

 D0B6A6

 D0C3BB

# Harmonies

## Analogous

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



E9234D



D04F00



A26F00

# Triad

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



D04F00



009463



3870F6

# Complementary

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



D04F00



0081D0

# 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.



0087FE



D04F00



0095A8

# Square

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



D04F00



008E17



0092E1



B44BCC

# Rectangle

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



D04F00



7B7E00



0092E1



0079FD



# Sweetspot

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



D04F00



FFD0B3



D00084



806352



000000



808080



# Same Dimension

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



D04F00



FF6100



D0B400



69625E



A84000



290F00



# Inverse Universe

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



0081D0



009EFF



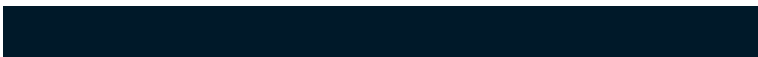
001CD0



5E6569



0068A8



001929



# Previews

## White Background



This preview shows how the Hex color D04F00 looks on a white background.

## Color Contrast Check

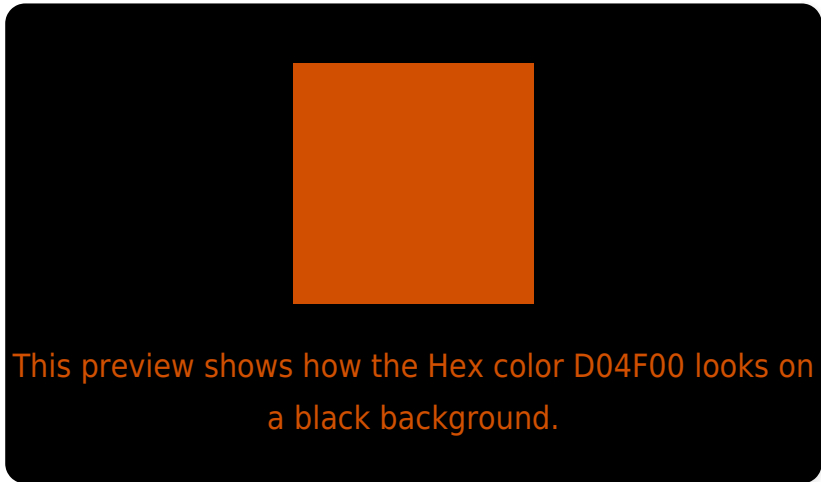
Large Text (above 18pt) WCAG AA ✓ Pass

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 D04F00 Background



This preview shows how black text looks on a background with the Hex color D04F00.



This preview shows how white text looks on a background with the Hex color D04F00.

# 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**  
D04F00

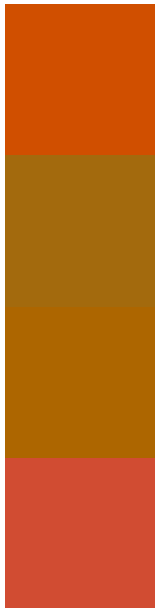
**Protanopia**  
897A15

**Deuteranopia**  
997300



**Tritanopia**  
D24A4E

# Trichromacy



**Original Color**  
D04F00

**Protanomaly**  
A36A0D

**Deuteranomaly**  
AD6600

**Tritanomaly**  
D14C32

# Monochromacy



**Original Color**  
D04F00

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
916245

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04F00 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 #D04F00 looks like.

```
.text, #text, p{  
    color:#D04F00  
}
```

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 #D04F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04F00  
}
```

## Border

The CSS property to change the border of an element to Hex D04F00 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  
#D04F00 }
```

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

```
.border{ border-color:#D04F00 }
```

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

Here you see how a box with a 4 pixel #D04F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04F00; -webkit-box-shadow:4px 4px  
4px 4px #D04F00; box-shadow:4px 4px 4px  
4px #D04F00 }
```

# Background

The CSS property to change the background color of an element to Hex D04F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04F00 }
```

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

```
.background{ background-color:#D04F00 }
```

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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