

# Converting Colors

Hex(D40004)

Have a look what the booklet for  
Hex(D40004) contains.

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**Color**

**Hex(D40004)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D40004
RGB	212, 0, 4
RGB Percent	83%, 0%, 2%
CMY	0.1686, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.98, 0.17
HSL	359°, 100%, 42%
HSV	359°, 100%, 83%
XYZ	27.1733, 14.0058, 1.3861
YIQ	63.8440, 125.0680, 46.1880

# Conversions

## Conversions Part 2

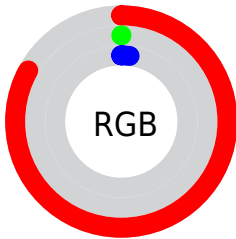
Format	Color
<a href="#">RYB</a>	<a href="#">212, 0, 4</a>
Decimal	<a href="#">13893636</a>
CIELab	<a href="#">44.24, 69.72, 57.17</a>
CIElCh	<a href="#">44, 90.164, 39.347</a>
Yxy	<a href="#">14.0058, 0.6384, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4292083716</a> ( <a href="#">0xFFD40004</a> )
YUV	<a href="#">63.8440, -29.5031, 129.9328</a>
Hunter-Lab	<a href="#">37.4243, 64.1138, 24.0011</a>

# Details

The Hex color **D40004** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00D4D0**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF5738**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D40004**, and if you desaturate by 10%, it is **D41519**.

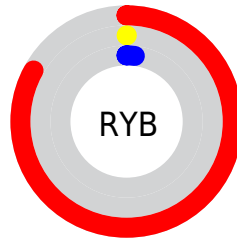
# Distribution



Red (83%)

Green (0%)

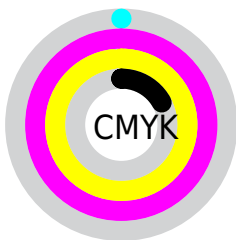
Blue (2%)



Red (83%)

Yellow (0%)

Blue (2%)

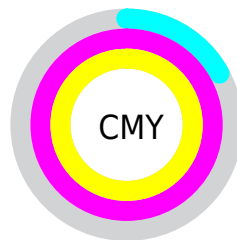


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D40004 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 D40004 by changing the saturation by 10% instead.



 D40004

 D40004

 FFFFF3

 B30000

 FF5738

 930000

 FF7551

 730000

 FF926A

 540002

 FFAF84

 360002

 FFCD9F

 050000

 FFEBBA

 000000

 FFFFD6

 D40004

 D41519

 D42A2E

 D44042

 D45557

 D46A6C

 D47F81

 D49496

 D4AAAA

 D4BFBF

# Harmonies

## Analogous

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



E50055



D40004



A95000

# Triad

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



D40004



00832E



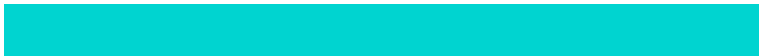
006CFF

# Complementary

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



D40004



00D4D0

# 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.



007FF8



D40004



00857F

# Square

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



D40004



007C00



0085C8



7F44DF

# Rectangle

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



D40004



816600



0085C8



0075FF



# Sweetspot

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



D40004



FFB3B4



CD00D4



805252



000000



808080



# Same Dimension

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



D40004



FF0005



D46300



6B6061



AB0003



2B0001



# Inverse Universe

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



D40004



FF0005



0071D4



6B6061



AB0003



2B0001



# Previews

## White Background



This preview shows how the Hex color D40004 looks on a white background.

## Color Contrast Check

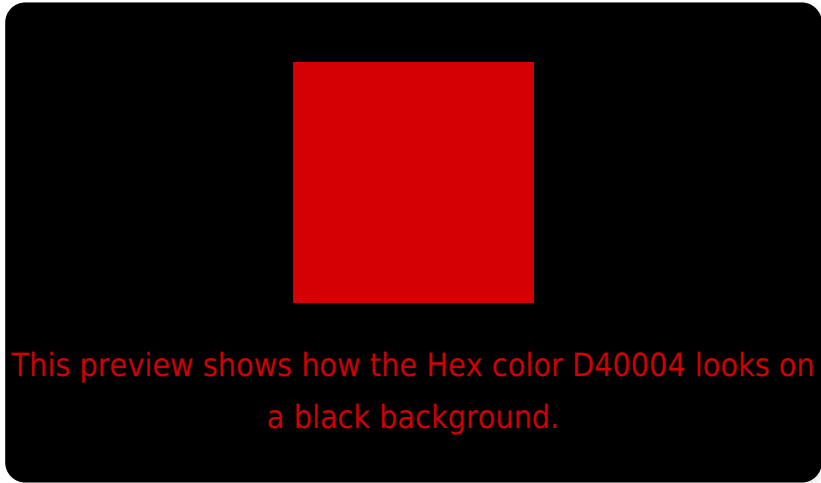
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex D40004 Background



This preview shows how black text looks on a background with the Hex color D40004.



This preview shows how white text looks on a background with the Hex color D40004.

# 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**  
D40004

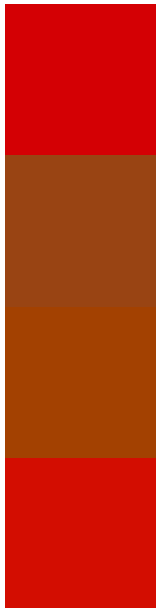
**Protanopia**  
786B1C

**Deuteranopia**  
876600



**Tritanopia**  
D21400

# Trichromacy



**Original Color**  
D40004

**Protanomaly**  
994413

**Deuteranomaly**  
A34101

**Tritanomaly**  
D30D01

# Monochromacy



**Original Color**  
D40004

**Achromatopsia**  
404040

**Achromatomaly**  
76292A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D40004 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 #D40004 looks like.

```
.text, #text, p{  
    color:#D40004  
}
```

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 #D40004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D40004 } }
```

## Border

The CSS property to change the border of an element to Hex D40004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

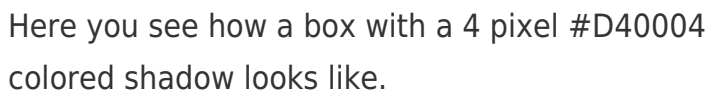
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #D40004 } }
```

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

```
.border{ border-color:#D40004 }
```

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



Here you see how a box with a 4 pixel `#D40004` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D40004; -webkit-box-shadow:4px 4px  
4px 4px #D40004; box-shadow:4px 4px 4px  
4px #D40004 }
```

# Background

The CSS property to change the background color of an element to Hex D40004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D40004 }
```

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

```
.background{ background-color:#D40004 }
```

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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