

# Converting Colors

Hex(D71F05)

Have a look what the booklet for  
Hex(D71F05) contains.

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**Color**

**Hex(D71F05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D71F05
RGB	215, 31, 5
RGB Percent	84%, 12%, 2%
CMY	0.1569, 0.8784, 0.9804
CMYK	0.00, 0.86, 0.98, 0.16
HSL	7°, 95%, 43%
HSV	7°, 98%, 84%
XYZ	28.5417, 15.4380, 1.6191
YIQ	83.0520, 118.0100, 30.9220

# Conversions

## Conversions Part 2

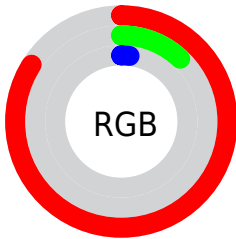
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	215, 35, 5
Decimal	14098181
CIE Lab	46.23, 66.60, 58.11
CIE LCh	46, 88.386, 41.105
Yxy	15.4380, 0.6259, 0.3386
Android (android.graphics.Color)	4292288261 (0xFFD71F05)
YUV	83.0520, -38.4796, 115.7184
Hunter-Lab	39.2912, 60.9053, 25.0607

# Details

The Hex color **D71F05** 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 **05BDD7**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF623B**, and **960000** is the 20% darker color. If you saturate the color by 10%, you get **D71B00**, and if you desaturate by 10%, it is **D7321B**.

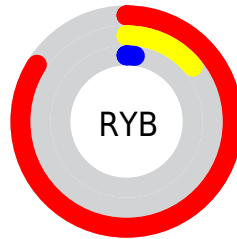
# Distribution



Red (84%)

Green (12%)

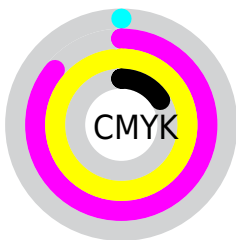
Blue (2%)



Red (84%)

Yellow (14%)

Blue (2%)

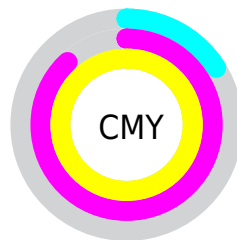


Cyan (0%)

Magenta (86%)

Yellow (98%)

Black (16%)



Cyan (16%)

Magenta (88%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D71F05 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 D71F05 by changing the saturation by 10% instead.



 D71F05

 D71F05

 FFFFFFF7

 B60000

 FF623B

 960000

 FF7F54

 760000

 FF9C6D

 570001


 FFB987

 3A0002

 FFD6A2

 110000

 FFF4BE

 000000

 FFFFDA

 D71F05

 D71F05

■ D71B00

■ D7321B

■ D74530

■ D75846

■ D76A5B

■ D77D71

■ D79086

■ D7A39C

■ D7B6B1

■ D7C9C7

# Harmonies

## Analogous

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



E90056



D71F05



AB5800

# Triad

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



D71F05



008839



006FFF

# Complementary

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



D71F05



05BDD7

# 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.



0083FC



D71F05



008B88

# Square

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



D71F05



008200



008ACF



8C47DF

# Rectangle

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



D71F05



846C00



008ACF



0078FF



# Sweetspot

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



D71F05



FFBEB5



D705BF



805853



000000



808080



# Same Dimension

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



D71F05



FF2000



D78705



6B6260



AB1500



2B0500



# Inverse Universe

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



05BDD7



00DFFF



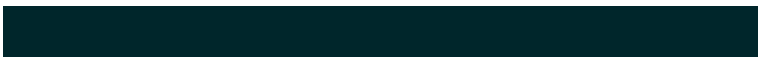
0556D7



606A6B



0096AB



00262B



# Previews

## White Background



This preview shows how the Hex color D71F05 looks on a white background.

## Color Contrast Check

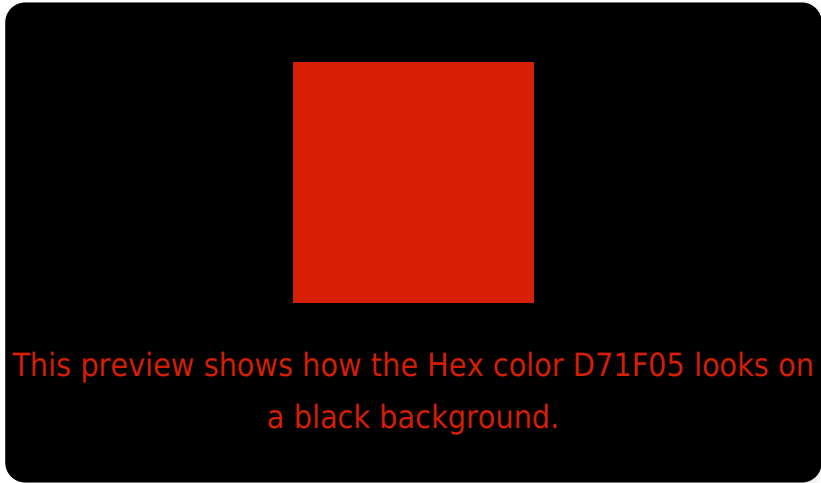
Large Text (above 18pt) WCAG AA ✓ Pass

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 D71F05 Background



This preview shows how black text looks on a background with the Hex color D71F05.



This preview shows how white text looks on a background with the Hex color D71F05.

# 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**  
D71F05

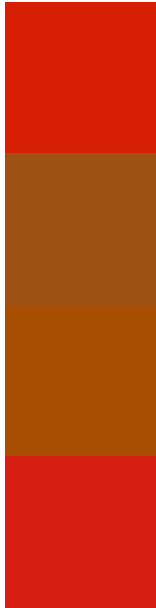
**Protanopia**  
7C6F1B

**Deuteranopia**  
8B6900



**Tritanopia**  
D71E1A

# Trichromacy



**Original Color**  
D71F05

**Protanomaly**  
9D5213

**Deuteranomaly**  
A74E02

**Tritanomaly**  
D71E12

# Monochromacy



**Original Color**  
D71F05

**Achromatopsia**  
535353

**Achromatomaly**  
834037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D71F05 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 #D71F05 looks like.

```
.text, #text, p{  
    color:#D71F05  
}
```

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 #D71F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D71F05
}
```

## Border

The CSS property to change the border of an element to Hex D71F05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

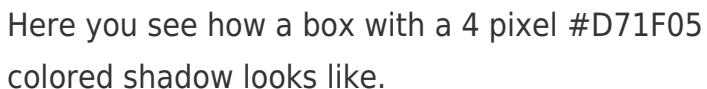
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D71F05 }
```

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

```
.border{ border-color:#D71F05 }
```

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



Here you see how a box with a 4 pixel #D71F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D71F05; -webkit-box-shadow:4px 4px  
4px 4px #D71F05; box-shadow:4px 4px 4px  
4px #D71F05 }
```

# Background

The CSS property to change the background color of an element to Hex D71F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D71F05 }
```

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

```
.background{ background-color:#D71F05 }
```

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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