

# Converting Colors

Hex(D80F09)

Have a look what the booklet for  
Hex(D80F09) contains.

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# Color

Hex(D80F09)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D80F09
RGB	216, 15, 9
RGB Percent	85%, 6%, 4%
CMY	0.1529, 0.9412, 0.9647
CMYK	0.00, 0.93, 0.96, 0.15
HSL	2°, 92%, 44%
HSV	2°, 96%, 85%
XYZ	28.5390, 14.9603, 1.6419
YIQ	74.4150, 121.7220, 40.7460

# Conversions

## Conversions Part 2

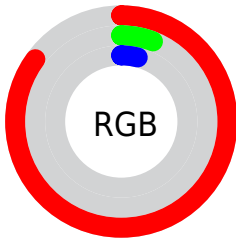
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 15, 9
Decimal	14159625
CIE Lab	45.58, 69.38, 56.76
CIE LCh	46, 89.643, 39.286
Yxy	14.9603, 0.6322, 0.3314
Android (android.graphics.Color)	4292349705 (0xFFD80F09)
YUV	74.4150, -32.2496, 124.1700
Hunter-Lab	38.6785, 64.0191, 24.5581

# Details

The Hex color **D80F09** 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 **09D2D8**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5C3C**, and **970000** is the 20% darker color. If you saturate the color by 10%, you get **D80600**, and if you desaturate by 10%, it is **D8241F**.

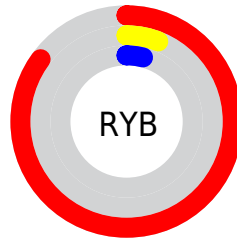
# Distribution



Red (85%)

Green (6%)

Blue (4%)



Red (85%)

Yellow (6%)

Blue (4%)

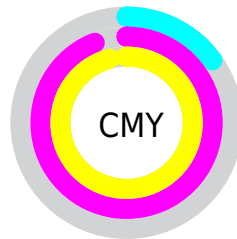


Cyan (0%)

Magenta (93%)

Yellow (96%)

Black (15%)



Cyan (15%)

Magenta (94%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D80F09 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 D80F09 by changing the saturation by 10% instead.



 D80F09

 D80F09

 FFFFF8

 B70000

 FF5C3C

 970000

 FF7955

 770000

 FF976E

 570002

 FFB488

 3A0002

 FFD1A3

 110000

 FFEFBF

 000000

 FFFFDB

 D80F09

 D80F09

 D80600

 D8241F

 D83934

 D84E4A

 D8635F

 D87875

 D88D8B

 D8A2A0

 D8B7B6

 D8CCCB

# Harmonies

## Analogous

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



E80059



D80F09



AD5300

# Triad

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



D80F09



008632



0070FF

# Complementary

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



D80F09



09D2D8

# 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.



0083FB



D80F09



008982

# Square

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



D80F09



007F00



0089CB



8348E2

# Rectangle

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



D80F09



866900



0089CB



0078FF



# Sweetspot

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



D80F09



FFB7B5



D809D5



805453



000000



808080



# Same Dimension

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



D80F09



FF0700



D87409



6B6160



AB0500



2B0100



# Inverse Universe

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



09D2D8



00F8FF



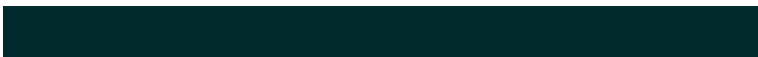
096DD8



606B6B



00A6AB



002A2B



# Previews

## White Background



This preview shows how the Hex color D80F09 looks on a white background.

## Color Contrast Check

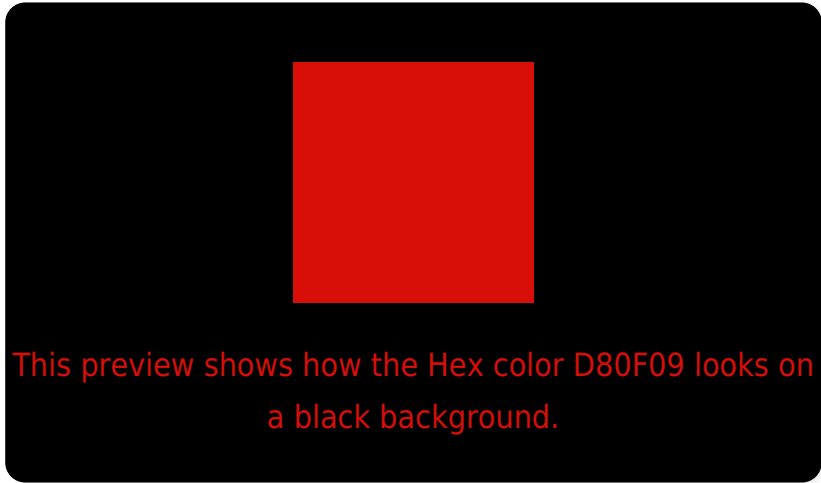
Large Text (above 18pt) WCAG AA ✓ Pass

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 D80F09 Background



This preview shows how black text looks on a background with the Hex color D80F09.



This preview shows how white text looks on a background with the Hex color D80F09.

# 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**  
D80F09

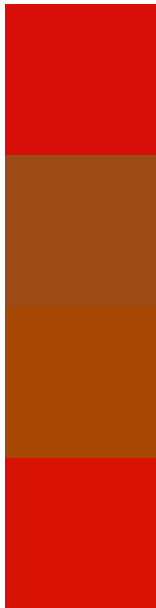
**Protanopia**  
7B6E1E

**Deuteranopia**  
8A6800



**Tritanopia**  
D71300

# Trichromacy



**Original Color**  
D80F09

**Protanomaly**  
9D4B16

**Deuteranomaly**  
A64803

**Tritanomaly**  
D71203

# Monochromacy



**Original Color**  
D80F09

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
7E3532

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D80F09 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 #D80F09 looks like.

```
.text, #text, p{  
    color:#D80F09  
}
```

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 #D80F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D80F09  
}
```

## Border

The CSS property to change the border of an element to Hex D80F09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

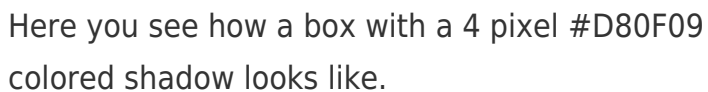
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D80F09 }
```

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

```
.border{ border-color:#D80F09 }
```

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



Here you see how a box with a 4 pixel #D80F09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D80F09; -webkit-box-shadow:4px 4px  
4px 4px #D80F09; box-shadow:4px 4px 4px  
4px #D80F09 }
```

# Background

The CSS property to change the background color of an element to Hex D80F09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D80F09 }
```

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

```
.background{ background-color:#D80F09 }
```

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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