

# Converting Colors

Hex(D50909)

Have a look what the booklet for  
Hex(D50909) contains.

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**Color**

**Hex(D50909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D50909
RGB	213, 9, 9
RGB Percent	84%, 4%, 4%
CMY	0.1647, 0.9647, 0.9647
CMYK	0.00, 0.96, 0.96, 0.16
HSL	0°, 92%, 44%
HSV	0°, 96%, 84%
XYZ	27.5876, 14.3612, 1.5764
YIQ	69.9960, 121.5840, 43.2480

# Conversions

## Conversions Part 2

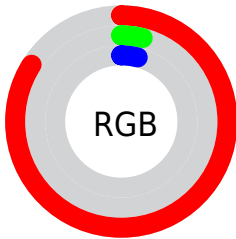
Format	Color
<a href="#">RYB</a>	<a href="#">213, 9, 9</a>
Decimal	<a href="#">13961481</a>
CIELab	<a href="#">44.75, 69.21, 55.99</a>
CIELCh	<a href="#">45, 89.024, 38.972</a>
Yxy	<a href="#">14.3612, 0.6338, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4292151561 (0xFFD50909)</a>
YUV	<a href="#">69.9960, -30.0710, 125.4145</a>
Hunter-Lab	<a href="#">37.8962, 63.6255, 24.0610</a>

# Details

The Hex color **D50909** 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 **09D5D5**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF593C**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D50000**, and if you desaturate by 10%, it is **D51E1E**.

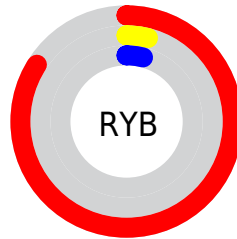
# Distribution



Red (84%)

Green (4%)

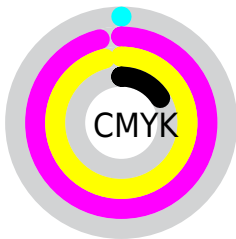
Blue (4%)



Red (84%)

Yellow (4%)

Blue (4%)

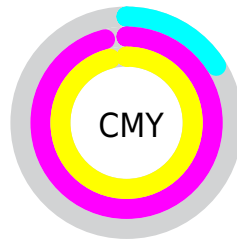


Cyan (0%)

Magenta (96%)

Yellow (96%)

Black (16%)



Cyan (16%)

Magenta (96%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D50909 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 D50909 by changing the saturation by 10% instead.



 D50909

 D50909

 FFFFF7

 B40000

 FF593C

 940000

 FF7754

 740000

 FF946E

 550002

 FFB288

 370002

 FFCFA3

 090000

 FFEDBE

 000000

 FFFFDA

 D50909

 D50909

 D50000

 D51E1E

 D53434

 D54949

 D55E5E

 D57373

 D58989

 D59E9E

 D5B3B3

 D5C9C9

# Harmonies

## Analogous

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



E50058



D50909



AA5100

# Triad

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



D50909



00842F



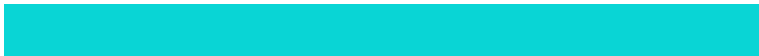
006EFF

# Complementary

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



D50909



09D5D5

# 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.



0080F7



D50909



00867F

# Square

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



D50909



007D00



0086C7



7F47DF

# Rectangle

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



D50909



846700



0086C7



0076FF



# Sweetspot

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



D50909



FFB5B5



D509D5



805353



000000



808080



# Same Dimension

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



D50909



FF0000



D56F09



6B6060



AB0000



2B0000



# Inverse Universe

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



09D5D5



00FFFF



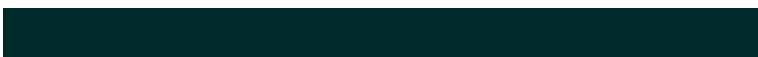
096FD5



606B6B



00ABAB



002B2B



# Previews

## White Background



This preview shows how the Hex color D50909 looks on a white background.

## Color Contrast Check

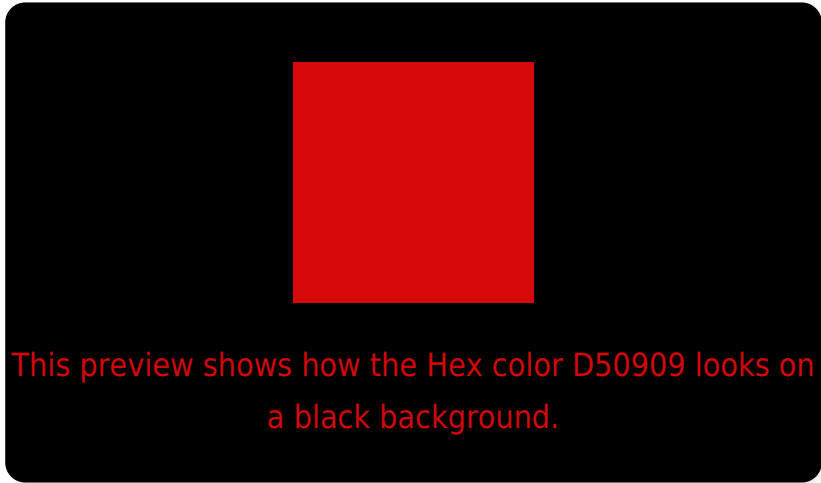
Large Text (above 18pt) WCAG AA ✓ Pass

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 D50909 Background



This preview shows how black text looks on a background with the Hex color D50909.



This preview shows how white text looks on a background with the Hex color D50909.

# 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**  
D50909

**Protanopia**  
796C1E

**Deuteranopia**  
886600



**Tritanopia**  
D41400

# Trichromacy



**Original Color**  
D50909

**Protanomaly**  
9A4816

**Deuteranomaly**  
A44403

**Tritanomaly**  
D41003

# Monochromacy



**Original Color**  
D50909

**Achromatopsia**  
464646

**Achromatomaly**  
7A3030

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D50909 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 #D50909 looks like.

```
.text, #text, p{  
    color:#D50909  
}
```

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 #D50909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D50909
}
```

## Border

The CSS property to change the border of an element to Hex D50909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

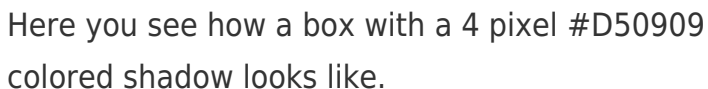
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D50909 }
```

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

```
.border{ border-color:#D50909 }
```

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



Here you see how a box with a 4 pixel #D50909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D50909; -webkit-box-shadow:4px 4px  
4px 4px #D50909; box-shadow:4px 4px 4px  
4px #D50909 }
```

# Background

The CSS property to change the background color of an element to Hex D50909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D50909 }
```

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

```
.background{ background-color:#D50909 }
```

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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