

# Converting Colors

Hex(D51C00)

Have a look what the booklet for  
Hex(D51C00) contains.

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**Color**

**Hex(D51C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D51C00
RGB	213, 28, 0
RGB Percent	84%, 11%, 0%
CMY	0.1647, 0.8902, 1.0000
CMYK	0.00, 0.87, 1.00, 0.16
HSL	8°, 100%, 42%
HSV	8°, 100%, 84%
XYZ	27.8558, 14.9766, 1.4226
YIQ	80.1230, 119.2480, 30.5120

# Conversions

## Conversions Part 2

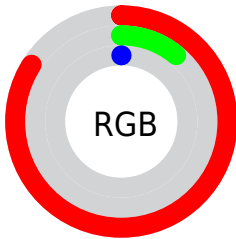
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 32, 0
Decimal	13966336
CIE <sub>Lab</sub>	45.60, 66.59, 59.11
CIE <sub>LCh</sub>	46, 89.040, 41.590
Yxy	14.9766, 0.6294, 0.3384
Android (android.graphics.Color)	4292156416 (0xFFD51C00)
YUV	80.1230, -39.5006, 116.5331
Hunter-Lab	38.6997, 60.7590, 24.9102

# Details

The Hex color **D51C00** 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 **00B9D5**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF6037**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D51C00**, and if you desaturate by 10%, it is **D52F15**.

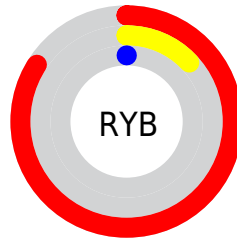
# Distribution



Red (84%)

Green (11%)

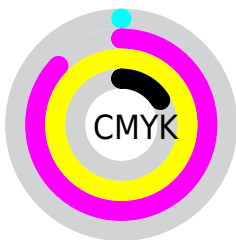
Blue (0%)



Red (84%)

Yellow (13%)

Blue (0%)

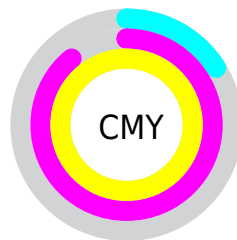


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (89%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D51C00 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 D51C00 by changing the saturation by 10% instead.



 D51C00

 D51C00

 FFFFF3

 B40000

 FF6037

 940000

 FF7D50

 740000

 FF9A69

 550002

 FFB783

 380002

 FFD49E

 0C0000

 FFF2BA

 000000

 FFFF00

 D51C00

 D52F15

 D5412B

 D55440

 D56655

 D5796B

 D58B80

 D59E95

 D5B0AA

 D5C3C0

# Harmonies

## Analogous

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



E80053



D51C00



A85700

# Triad

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



D51C00



008639



006DFF

# Complementary

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



D51C00



00B9D5

# 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.



0082FC



D51C00



008988

# Square

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



D51C00



008000



0089CF



8C44DD

# Rectangle

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



D51C00



816B00



0089CF



0076FF



# Sweetspot

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



D51C00



FFBDB3



D500BC



805852



000000



808080



# Same Dimension

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



D51C00



FF2200



D58300



6B6260



AB1600



2B0600



# Inverse Universe

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



00B9D5



00DDFF



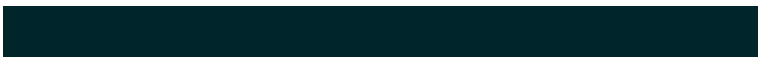
0052D5



606A6B



0094AB



00262B



# Previews

## White Background



This preview shows how the Hex color D51C00 looks on a white background.

## Color Contrast Check

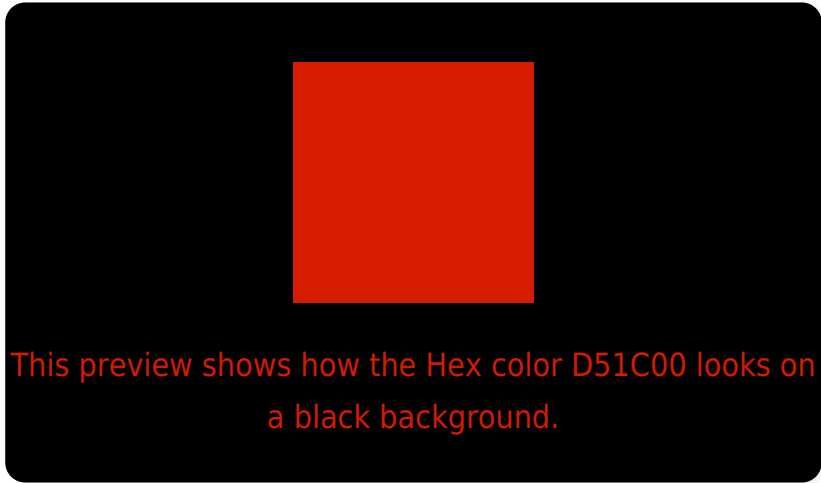
Large Text (above 18pt) WCAG AA ✓ Pass

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 D51C00 Background



This preview shows how black text looks on a background with the Hex color D51C00.



This preview shows how white text looks on a background with the Hex color D51C00.

# 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**  
D51C00

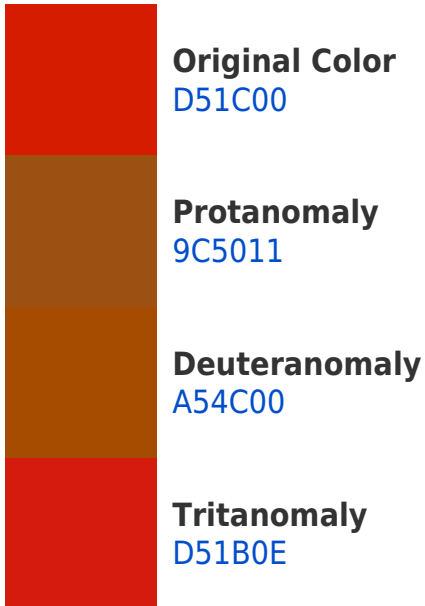
**Protanopia**  
7B6D1B

**Deuteranopia**  
8A6800



**Tritanopia**  
D51B16

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D51C00 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 #D51C00 looks like.

```
.text, #text, p{  
    color:#D51C00  
}
```

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 #D51C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D51C00  
}
```

## Border

The CSS property to change the border of an element to Hex D51C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

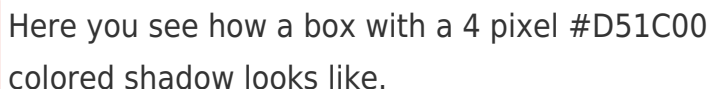
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D51C00 }
```

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

```
.border{ border-color:#D51C00 }
```

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



Here you see how a box with a 4 pixel `#D51C00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D51C00; -webkit-box-shadow:4px 4px  
4px 4px #D51C00; box-shadow:4px 4px 4px  
4px #D51C00 }
```

# Background

The CSS property to change the background color of an element to Hex D51C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D51C00 }
```

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

```
.background{ background-color:#D51C00 }
```

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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