

Converting Colors

Hex(D51E04)

Have a look what the booklet for
Hex(D51E04) contains.

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Color

Hex(D51E04)

Conversions

Conversions Part 1

Format	Color
Hex	D51E04
RGB	213, 30, 4
RGB Percent	84%, 12%, 2%
CMY	0.1647, 0.8824, 0.9843
CMYK	0.00, 0.86, 0.98, 0.16
HSL	7°, 96%, 43%
HSV	7°, 98%, 84%
XYZ	27.9268, 15.0834, 1.5544
YIQ	81.7530, 117.4140, 30.7100

Conversions

Conversions Part 2

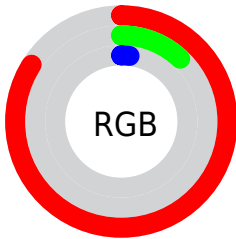
Format	Color
RYB	213, 34, 4
Decimal	13966852
CIELab	45.75, 66.25, 57.95
CIELCh	46, 88.013, 41.176
Yxy	15.0834, 0.6267, 0.3385
Android (android.graphics.Color)	4292156932 (0xFFD51E04)
YUV	81.7530, -38.3322, 115.1036
Hunter-Lab	38.8374, 60.3883, 24.8133

Details

The Hex color **D51E04** 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 **04BBD5**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF613A**, and **940000** is the 20% darker color. If you saturate the color by 10%, you get **D51A00**, and if you desaturate by 10%, it is **D53119**.

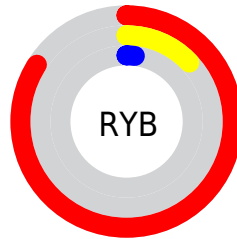
Distribution



Red (84%)

Green (12%)

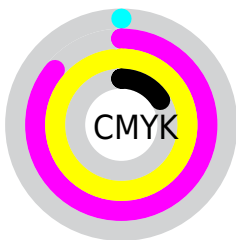
Blue (2%)



Red (84%)

Yellow (13%)

Blue (2%)

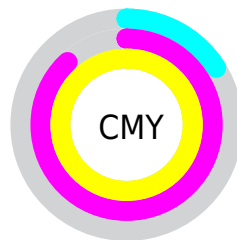


Cyan (0%)

Magenta (86%)

Yellow (98%)

Black (16%)



Cyan (16%)

Magenta (88%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D51E04 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 D51E04 by changing the saturation by 10% instead.

 D51E04

 D51E04

 FFFFF6

 B40000

 FF613A

 940000

 FF7E53

 740000

 FF9B6C

 550001

 FFB886

 380002

 FFD5A1

 0C0000

 FFF3BD

 000000

 FFFF9D

 D51E04

 D51E04

 D51A00

 D53119

 D5432F

 D55644

 D56959

 D57B6F

 D58E84

 D5A199

 D5B3AE

 D5C6C4

Harmonies

Analogous

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



E70055



D51E04



A95700

Triad

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



D51E04



008739



006EFF

Complementary

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



D51E04



04BBD5

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.



0082FA



D51E04



008987

Square

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



D51E04



008000



0089CD



8B46DD

Rectangle

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



D51E04



826B00



0089CD



0076FF

Sweetspot

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



D51E04



FFBEB5



D504BD



805853



000000



808080

Same Dimension

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



D51E04



FF2000



D58504



6B6260



AB1500



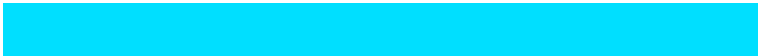
2B0500

Inverse Universe

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



04BBD5



00DFFF



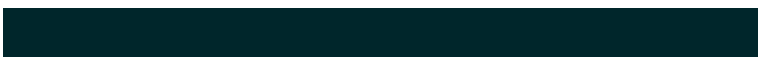
0454D5



606A6B



0096AB



00262B

Previews

White Background



This preview shows how the Hex color D51E04 looks on a white background.

Color Contrast Check

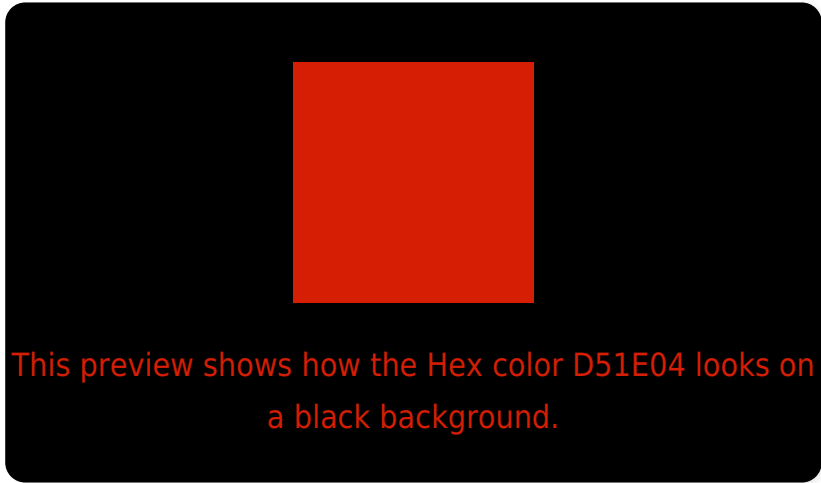
Large Text (above 18pt) WCAG AA ✓ Pass

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 D51E04 Background



This preview shows how black text looks on a background with the Hex color D51E04.



This preview shows how white text looks on a background with the Hex color D51E04.

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
D51E04

Protanopia
7B6E1B

Deuteranopia
8A6800



Tritanopia
D51D19

Trichromacy



Original Color
D51E04

Protanomaly
9C5113

Deuteranomaly
A54D01

Tritanomaly
D51D11

Monochromacy



Original Color
D51E04

Achromatopsia
525252

Achromatomaly
823F36

CSS Examples

Text

The CSS property to change the color of the text to Hex D51E04 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 #D51E04 looks like.

```
.text, #text, p{  
    color:#D51E04  
}
```

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 #D51E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D51E04
}
```

Border

The CSS property to change the border of an element to Hex D51E04 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
#D51E04 }
```

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

```
.border{ border-color:#D51E04 }
```

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

Here you see how a box with a 4 pixel #D51E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D51E04; -webkit-box-shadow:4px 4px  
4px 4px #D51E04; box-shadow:4px 4px 4px  
4px #D51E04 }
```

Background

The CSS property to change the background color of an element to Hex D51E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D51E04 }
```

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

```
.background{ background-color:#D51E04 }
```

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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