

Converting Colors

Hex(D01919)

Have a look what the booklet for
Hex(D01919) contains.

Hex(D01919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D01919)

Conversions

Conversions Part 1

Format	Color
Hex	D01919
RGB	208, 25, 25
RGB Percent	82%, 10%, 10%
CMY	0.1843, 0.9020, 0.9020
CMYK	0.00, 0.88, 0.88, 0.18
HSL	0°, 79%, 46%
HSV	0°, 88%, 82%
XYZ	26.5355, 14.1753, 2.2572
YIQ	79.7170, 109.0680, 38.7960

Conversions

Conversions Part 2

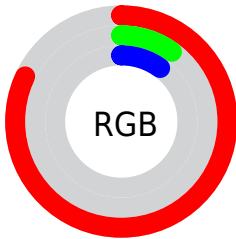
Format	Color
RYB	208, 25, 25
Decimal	13637913
CIELab	44.48, 66.08, 49.34
CIElCh	44, 82.471, 36.746
Yxy	14.1753, 0.6176, 0.3299
Android (android.graphics.Color)	4291827993 (0xFFD01919)
YUV	79.7170, -26.9755, 112.5042
Hunter-Lab	37.6502, 59.9176, 22.8005

Details

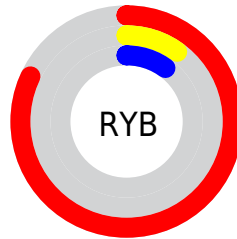
The Hex color **D01919** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **19D0D0**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5E48**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D00404**, and if you desaturate by 10%, it is **D02E2E**.

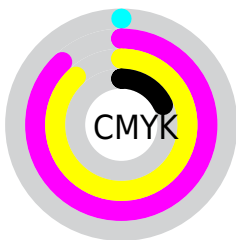
Distribution



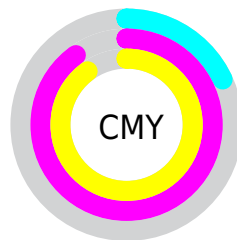
- Red (82%)
- Green (10%)
- Blue (10%)



- Red (82%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (88%)
- Yellow (88%)
- Black (18%)



- Cyan (18%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D01919 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 D01919 by changing the saturation by 10% instead.

 D01919

 D01919

FFFFFF

 B00001

 FF5E48

 900000

 FF7B60

 700000

 FF987A

 510002

 FFB594

 340002

 FFD2AF

 000000

 FFF0CB

 FFFFE7

 D01919

 D01919

 D00404

 D02E2E

 D00000

 D04343

 D05757

 D06C6C

 D08181

 D09696

 D0ABAB

 D0BFBF

 D0D4D4

Harmonies

Analogous

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



DC005D



D01919



AA5000

Triad

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



D01919



00822E



006EF4

Complementary

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



D01919



19D0D0

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.



007FE9



D01919



008478

Square

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



D01919



1B7B00



0084BB



764DD9

Rectangle

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



D01919



876400



0084BB



0075F5

Sweetspot

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



D01919



FFBDBD



D019D0



805858



000000



808080

Same Dimension

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



D01919



FF0000



D07519



695E5E



A80000



290000

Inverse Universe

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



19D0D0



00FFFF



1975D0



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D01919 looks on a white background.

Color Contrast Check

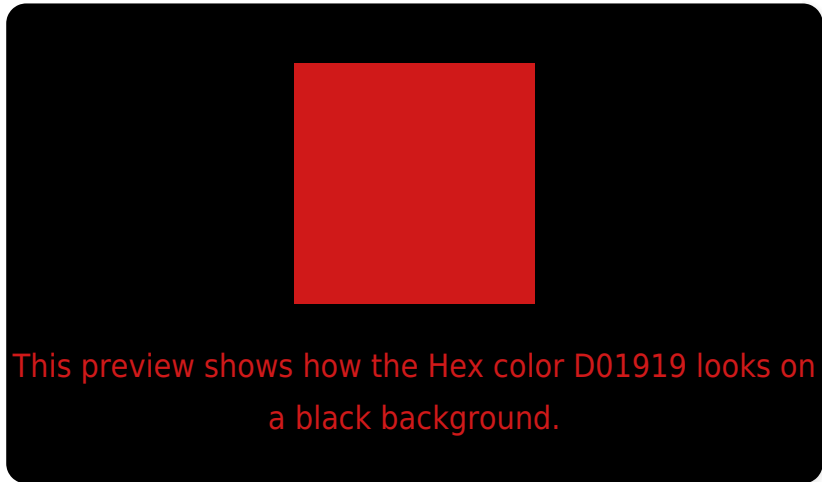
Large Text (above 18pt) WCAG AA ✓ Pass

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 D01919 Background



This preview shows how black text looks on a background with the Hex color D01919.



This preview shows how white text looks on a background with the Hex color D01919.

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
D01919

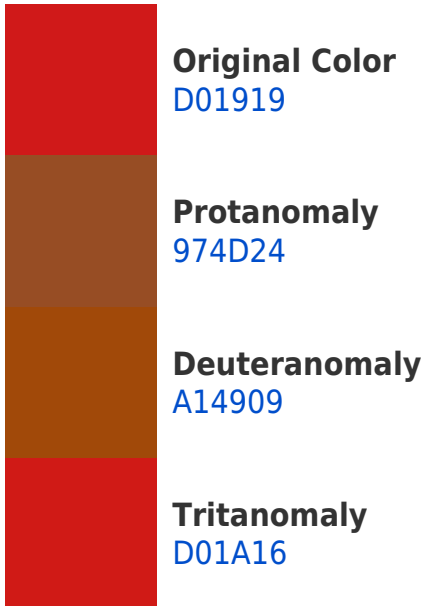
Protanopia
776B2B

Deuteranopia
866500

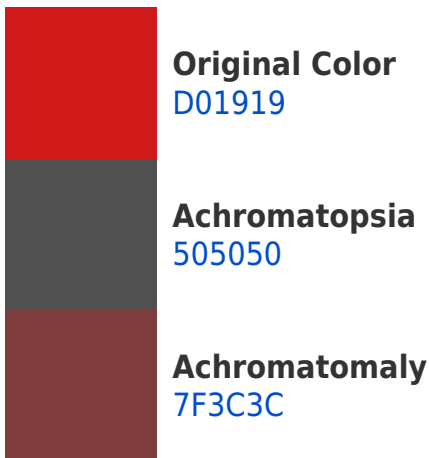


Tritanopia
D01A15

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D01919 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 #D01919 looks like.

```
.text, #text, p{  
    color:#D01919  
}
```

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 #D01919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D01919
}
```

Border

The CSS property to change the border of an element to Hex D01919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

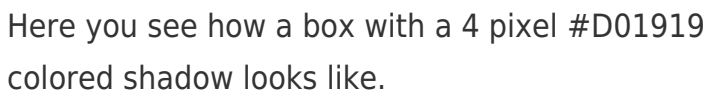
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D01919 }
```

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

```
.border{ border-color:#D01919 }
```

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



Here you see how a box with a 4 pixel #D01919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D01919; -webkit-box-shadow:4px 4px  
4px 4px #D01919; box-shadow:4px 4px 4px  
4px #D01919 }
```

Background

The CSS property to change the background color of an element to Hex D01919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D01919 }
```

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

```
.background{ background-color:#D01919 }
```

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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