

Converting Colors

Hex(D00019)

Have a look what the booklet for
Hex(D00019) contains.

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Color

Hex(D00019)

Conversions

Conversions Part 1

Format	Color
Hex	D00019
RGB	208, 0, 25
RGB Percent	82%, 0%, 10%
CMY	0.1843, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.88, 0.18
HSL	353°, 100%, 41%
HSV	353°, 100%, 82%
XYZ	26.1879, 13.4801, 2.1414
YIQ	65.0420, 115.9430, 51.8710

Conversions

Conversions Part 2

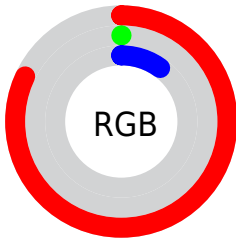
Format	Color
RYB	208, 0, 25
Decimal	13631513
CIELab	43.48, 68.98, 48.56
CIElCh	43, 84.364, 35.144
Yxy	13.4801, 0.6264, 0.3224
Android (android.graphics.Color)	4291821593 (0xFFD00019)
YUV	65.0420, -19.7407, 125.3742
Hunter-Lab	36.7152, 63.0671, 22.2427

Details

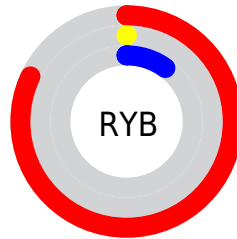
The Hex color **D00019** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00D0B7**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5647**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **D00019**, and if you desaturate by 10%, it is **D0152B**.

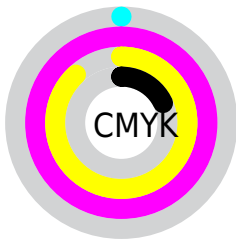
Distribution



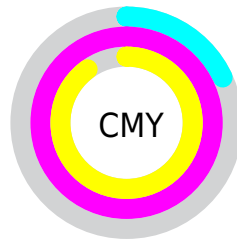
- Red (82%)
- Green (0%)
- Blue (10%)



- Red (82%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (88%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color D00019 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 D00019 by changing the saturation by 10% instead.

 D00019

 D00019

FFFFFF

 B00002

 FF5647

 8F0000

 FF7460

 6F0000

 FF9179

 510002

 FFAF93

 330002

 FFCCA E

 000000

 FFEACA

 FFFF E6

 D00019

 D0152B

 D02A3E

 D03E50

 D05362

 D06874

 D07D87

 D09299

 D0A6AB

 D0BBBE

Harmonies

Analogous

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



DB005E



D00019



AB4B00

Triad

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



D00019



007F25



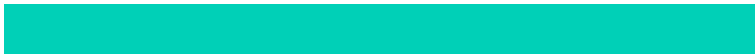
006DF5

Complementary

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



D00019



00D0B7

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.



007DE8



D00019



008272

Square

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



D00019



1C7800



0082B7



6C4CDB

Rectangle

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



D00019



876000



0082B7



0074F5

Sweetspot

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



D00019



FFB3BC



B400D0



805257



000000



808080

Same Dimension

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



D00019



FF001F



D04C00



695E5F



A80014



290005

Inverse Universe

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



D00019



FF001F



0084D0



695E5F



A80014



290005

Previews

White Background



This preview shows how the Hex color D00019 looks on a white background.

Color Contrast Check

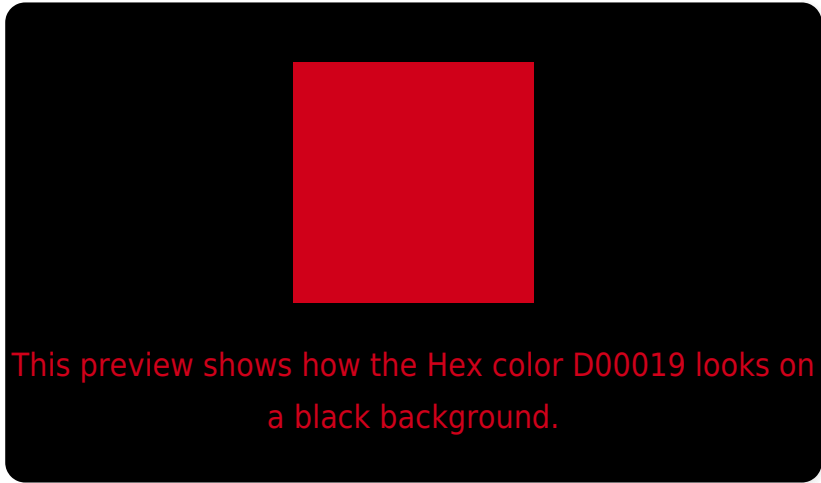
Large Text (above 18pt) WCAG AA ✓ Pass

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 D00019 Background



This preview shows how black text looks on a background with the Hex color D00019.



This preview shows how white text looks on a background with the Hex color D00019.

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



Trichromacy



Original Color
D00019



Protanomaly
964325



Deuteranomaly
A04009



Tritanomaly
CF0C09

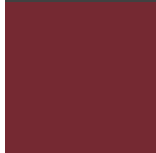
Monochromacy



Original Color
D00019



Achromatopsia
414141



Achromatomaly
752932

CSS Examples

Text

The CSS property to change the color of the text to Hex D00019 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 #D00019 looks like.

```
.text, #text, p{  
    color:#D00019  
}
```

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 #D00019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D00019
}
```

Border

The CSS property to change the border of an element to Hex D00019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

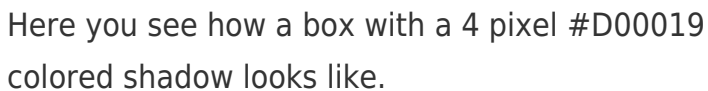
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D00019 }
```

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

```
.border{ border-color:#D00019 }
```

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



Here you see how a box with a 4 pixel #D00019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D00019; -webkit-box-shadow:4px 4px  
4px 4px #D00019; box-shadow:4px 4px 4px  
4px #D00019 }
```

Background

The CSS property to change the background color of an element to Hex D00019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D00019 }
```

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

```
.background{ background-color:#D00019 }
```

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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