

Converting Colors

Hex(CD0019)

Have a look what the booklet for
Hex(CD0019) contains.

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Color

Hex(CD0019)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD0019 |
| RGB | 205, 0, 25 |
| RGB Percent | 80%, 0%, 10% |
| CMY | 0.1961, 1.0000, 0.9020 |
| CMYK | 0.00, 1.00, 0.88, 0.20 |
| HSL | 353°, 100%, 40% |
| HSV | 353°, 100%, 80% |
| XYZ | 25.3523, 13.0493, 2.1023 |
| YIQ | 64.1450, 114.1550, 51.2350 |

Conversions

Conversions Part 2

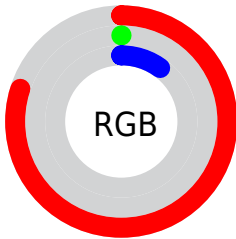
| Format | Color |
|-------------------------------------|---|
| RYB | 205, 0, 25 |
| Decimal | 13434905 |
| CIELab | 42.84, 68.25, 47.79 |
| CIELCh | 43, 83.316, 35.001 |
| Yxy | 13.0493, 0.6259, 0.3222 |
| Android (android.graphics.Color) | 4291624985 (0xFFCD0019) |
| YUV | 64.1450, -19.2985, 123.5298 |
| Hunter-Lab | 36.1238, 62.0575, 21.8363 |

Details

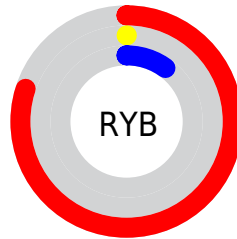
The Hex color **CD0019** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00CDB4**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF5647**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CD0019**, and if you desaturate by 10%, it is **CD142B**.

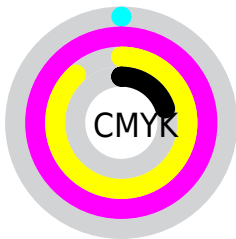
Distribution



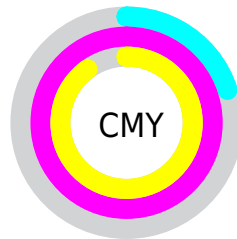
- Red (80%)
- Green (0%)
- Blue (10%)



- Red (80%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (88%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD0019 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 CD0019 by changing the saturation by 10% instead.

 CD0019

 CD0019

FFFFFF

 AD0002

 FF5647

 8D0000

 FF735F

 6D0000


 FF9179

 4F0003

 FFAE93

 300002

 FFCBAE

 000000

 FFE9C9

 FFFFE5

 CD0019

 CD142B

 CD293D

 CD3E4F

 CD5261

 CD6773

 CD7B85

 CD9097

 CDA4A9

 CDB9BB

Harmonies

Analogous

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



D7005D



CD0019



A84900

Triad

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



CD0019



007D24



006CF1

Complementary

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



CD0019



00CDB4

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.



007BE4



CD0019



00806F

Square

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



CD0019



1D7600



0080B4



694BD8

Rectangle

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



CD0019



865F00



0080B4



0073F1

Sweetspot

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



CD0019



FFB3BC



B200CD



805257



000000



808080

Same Dimension

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



CD0019



FF001F



CD4B00



665C5D



A60014



260005

Inverse Universe

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



CD0019



FF001F



0082CD



665C5D



A60014



260005

Previews

White Background



This preview shows how the Hex color CD0019 looks on a white background.

Color Contrast Check

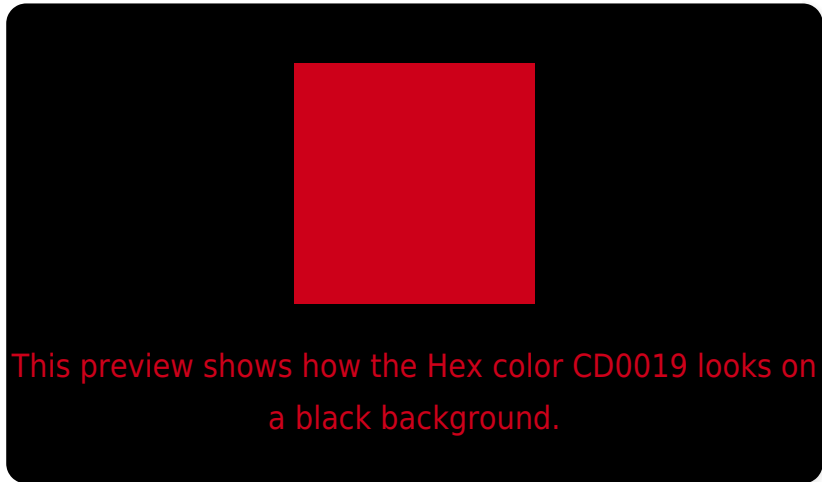
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD0019 Background



This preview shows how black text looks on a background with the Hex color CD0019.



This preview shows how white text looks on a background with the Hex color CD0019.

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
CD0019

Protanomaly
944224

Deuteranomaly
9E3E09

Tritanomaly
CC0C09

Monochromacy



Original Color
CD0019

Achromatopsia
404040

Achromatomaly
732932

CSS Examples

Text

The CSS property to change the color of the text to Hex CD0019 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 #CD0019 looks like.

```
.text, #text, p{  
    color:#CD0019  
}
```

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 #CD0019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD0019
}
```

Border

The CSS property to change the border of an element to Hex CD0019 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".

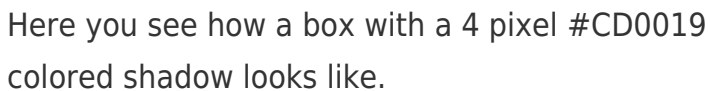
```
.border, #border, table{ border:4px solid
#CD0019 }
```

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

```
.border{ border-color:#CD0019 }
```

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

Here you see how a box with a 4 pixel #CD0019 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CD0019 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD0019; -webkit-box-shadow:4px 4px  
4px 4px #CD0019; box-shadow:4px 4px 4px  
4px #CD0019 }
```

Background

The CSS property to change the background color of an element to Hex CD0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD0019 }
```

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

```
.background{ background-color:#CD0019 }
```

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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