

# Converting Colors

Hex(D10026)

Have a look what the booklet for  
Hex(D10026) contains.

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# Color

**Hex(D10026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D10026
RGB	209, 0, 38
RGB Percent	82%, 0%, 15%
CMY	0.1804, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.82, 0.18
HSL	349°, 100%, 41%
HSV	349°, 100%, 82%
XYZ	26.6443, 13.6953, 3.0729
YIQ	66.8230, 112.3660, 56.1260

# Conversions

## Conversions Part 2

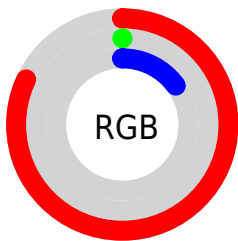
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 0, 38
Decimal	13697062
CIE Lab	43.79, 69.51, 42.20
CIE LCh	44, 81.314, 31.263
Yxy	13.6953, 0.6137, 0.3155
Android (android.graphics.Color)	4291887142 (0xFFD10026)
YUV	66.8230, -14.2097, 124.6892
Hunter-Lab	37.0071, 63.7539, 20.9819

# Details

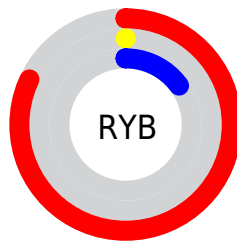
The Hex color **D10026** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D1AB**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5754**, and **910000** is the 20% darker color. If you saturate the color by 10%, you get **D10026**, and if you desaturate by 10%, it is **D11537**.

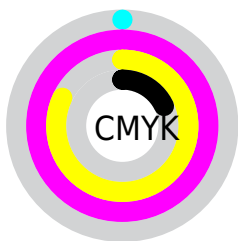
# Distribution



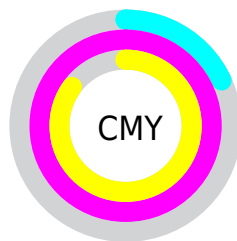
- Red (82%)
- Green (0%)
- Blue (15%)



- Red (82%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D10026 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 D10026 by changing the saturation by 10% instead.



 D10026

 D10026

FFFFFFF

 B10011

 FF5754

 910000

 FF756C

 710000

 FF9286

 520002

 FFAFA0

 340002

 FFCDBB

 000000

 FFEBD7

 FFFFF4

 D10026

 D11537

 D12A48

 D13F59

 D1546A

 D1697C

 D17D8D

 D1929E

 D1A7AF

 D1BCC0

# Harmonies

## Analogous

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



D70068



D10026



B04800

# Triad

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



D10026



007F1D



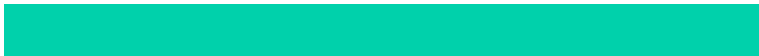
0070F1

# Complementary

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



D10026



00D1AB

# 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.



007EDF



D10026



008269

# Square

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



D10026



347700



0083AD



5B53DD

# Rectangle

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



D10026



8F5E00



0083AD



0077EF



# Sweetspot

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



D10026



FFB3C0



AB00D1



80525A



000000



808080



# Same Dimension

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



D10026



FF002E



D14200



695E60



A8001F



290007



# Inverse Universe

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



D10026



FF002E



008FD1



695E60



A8001F



290007



# Previews

## White Background



This preview shows how the Hex color D10026 looks on a white background.

## Color Contrast Check

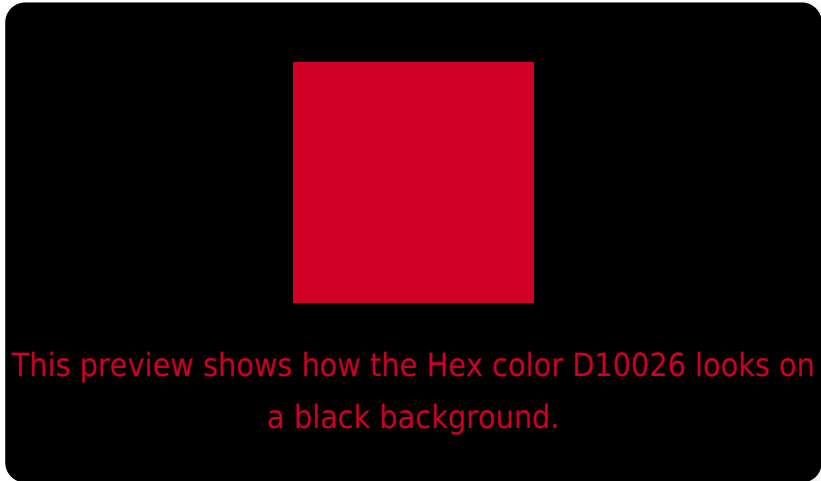
Large Text (above 18pt) WCAG AA ✓ Pass

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 D10026 Background



This preview shows how black text looks on a background with the Hex color D10026.



This preview shows how white text looks on a background with the Hex color D10026.

# 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**  
D10026

**Protanopia**  
746A3C

**Deuteranopia**  
856414



**Tritanopia**  
D01300

# Trichromacy



**Original Color**  
D10026



**Protanomaly**  
964334



**Deuteranomaly**  
A1401B



**Tritanomaly**  
D00C0E

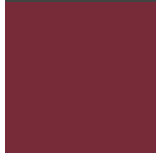
# Monochromacy



**Original Color**  
D10026



**Achromatopsia**  
434343



**Achromatomaly**  
772B38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D10026 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 #D10026 looks like.

```
.text, #text, p{  
    color:#D10026  
}
```

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 #D10026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D10026
}
```

## Border

The CSS property to change the border of an element to Hex D10026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

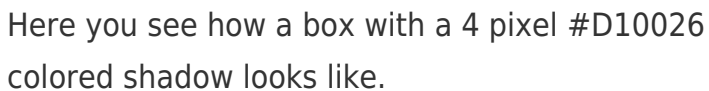
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D10026 }
```

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

```
.border{ border-color:#D10026 }
```

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



Here you see how a box with a 4 pixel #D10026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D10026; -webkit-box-shadow:4px 4px  
4px 4px #D10026; box-shadow:4px 4px 4px  
4px #D10026 }
```

# Background

The CSS property to change the background color of an element to Hex D10026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D10026 }
```

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

```
.background{ background-color:#D10026 }
```

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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