

# Converting Colors

Hex(D0061B)

Have a look what the booklet for  
Hex(D0061B) contains.

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**Color**

**Hex(D0061B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0061B
RGB	208, 6, 27
RGB Percent	82%, 2%, 11%
CMY	0.1843, 0.9765, 0.8941
CMYK	0.00, 0.97, 0.87, 0.18
HSL	354°, 94%, 42%
HSV	354°, 97%, 82%
XYZ	26.2754, 13.6193, 2.2808
YIQ	68.7920, 113.6510, 49.3550

# Conversions

## Conversions Part 2

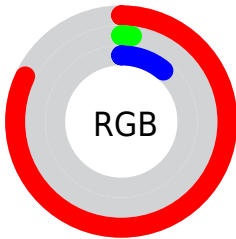
Format	Color
<a href="#">RYB</a>	<a href="#">208, 6, 27</a>
Decimal	<a href="#">13633051</a>
CIELab	<a href="#">43.68, 68.47, 47.77</a>
CIElCh	<a href="#">44, 83.483, 34.902</a>
Yxy	<a href="#">13.6193, 0.6230, 0.3229</a>
Android (android.graphics.Color)	<a href="#">4291823131 (0xFFD0061B)</a>
YUV	<a href="#">68.7920, -20.6035, 122.0854</a>
Hunter-Lab	<a href="#">36.9043, 62.5071, 22.1687</a>

# Details

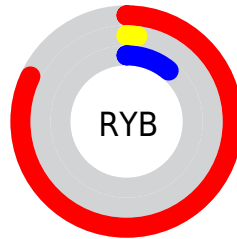
The Hex color **D0061B** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **06D0BB**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5849**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D00016**, and if you desaturate by 10%, it is **D01B2E**.

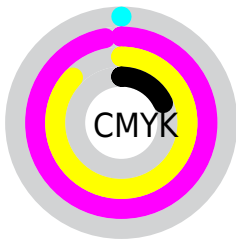
# Distribution



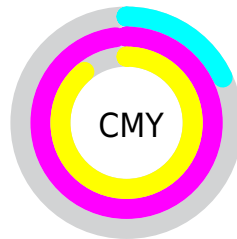
- Red (82%)
- Green (2%)
- Blue (11%)



- Red (82%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (97%)
- Yellow (87%)
- Black (18%)



- Cyan (18%)
- Magenta (98%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0061B 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 D0061B by changing the saturation by 10% instead.



 D0061B

 D0061B

FFFFFF

 B00004

 FF5849

 900000

 FF7662

 700000

 FF937B

 510002

 FFB095

 330002

 FFCDB0

 000000

 FFEBCB

 FFFFE8

 D0061B

 D0061B

 D00016

 D01B2E

 D03040

 D04453

 D05966

 D06E78

 D0838B

 D0989D

 D0ACB0

 D0C1C3

# Harmonies

## Analogous

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



DA005F



D0061B



AB4B00

# Triad

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



D0061B



007F26



006EF4

# Complementary

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



D0061B



06D0BB

# 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.



007EE6



D0061B



008271

# Square

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



D0061B



207800



0083B6



6B4DDB

# Rectangle

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



D0061B



886100



0083B6



0075F4



# Sweetspot

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



D0061B



FFB5BD



B806D0



805358



000000



808080



# Same Dimension

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



D0061B



FF001B



D05306



695E5F



A80011



290004



# Inverse Universe

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



D0061B



FF001B



0683D0



695E5F



A80011



290004



# Previews

## White Background



This preview shows how the Hex color D0061B looks on a white background.

## Color Contrast Check

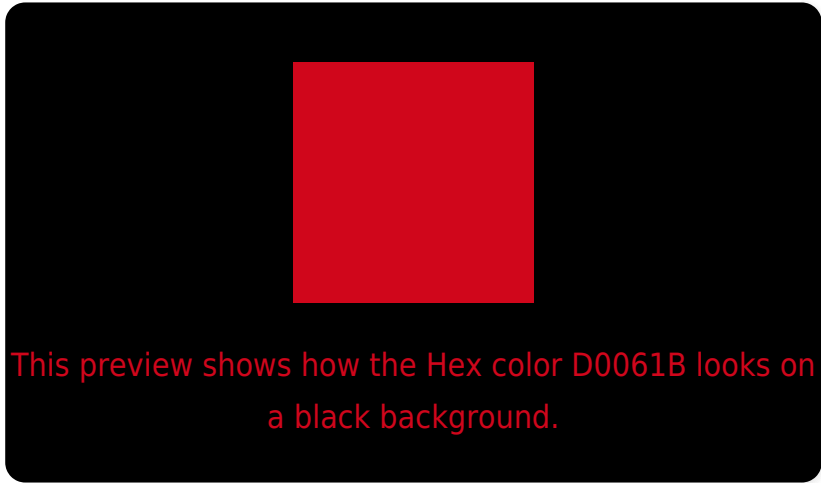
Large Text (above 18pt) WCAG AA ✓ Pass

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 D0061B Background



This preview shows how black text looks on a background with the Hex color D0061B.



This preview shows how white text looks on a background with the Hex color D0061B.

# 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**  
D0061B

**Protanopia**  
75692E

**Deuteranopia**  
856400



# Trichromacy



**Original Color**  
D0061B

**Protanomaly**  
964527

**Deuteranomaly**  
A0420A

**Tritanomaly**  
CF0E0A

# Monochromacy



**Original Color**  
D0061B

**Achromatopsia**  
454545

**Achromatomaly**  
782E36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0061B 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 #D0061B looks like.

```
.text, #text, p{  
    color:#D0061B  
}
```

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 #D0061B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0061B
}
```

## Border

The CSS property to change the border of an element to Hex D0061B is called "border". The border property can be set on classes, ids or directly on the HTML element.

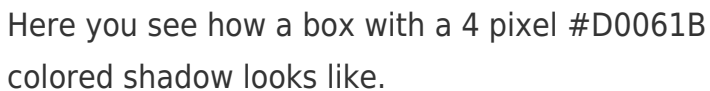
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D0061B }
```

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

```
.border{ border-color:#D0061B }
```

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



Here you see how a box with a 4 pixel `#D0061B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0061B; -webkit-box-shadow:4px 4px  
4px 4px #D0061B; box-shadow:4px 4px 4px  
4px #D0061B }
```

# Background

The CSS property to change the background color of an element to Hex D0061B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0061B }
```

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

```
.background{ background-color:#D0061B }
```

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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