

# Converting Colors

Hex(D01100)

Have a look what the booklet for  
Hex(D01100) contains.

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**Color**

**Hex(D01100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D01100
RGB	208, 17, 0
RGB Percent	82%, 7%, 0%
CMY	0.1843, 0.9333, 1.0000
CMYK	0.00, 0.92, 1.00, 0.18
HSL	5°, 100%, 41%
HSV	5°, 100%, 82%
XYZ	26.2129, 13.8108, 1.2842
YIQ	72.1710, 119.2930, 35.2050

# Conversions

## Conversions Part 2

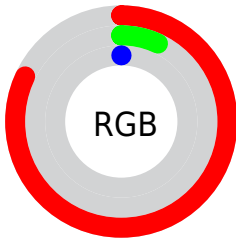
Format	Color
<a href="#">RYB</a>	208, 19, 0
Decimal	13635840
CIELab	43.96, 67.01, 57.85
CIElCh	44, 88.529, 40.807
Yxy	13.8108, 0.6346, 0.3343
Android (android.graphics.Color)	4291825920 (0xFFD01100)
YUV	72.1710, -35.5803, 119.1220
Hunter-Lab	37.1629, 60.8701, 23.9652

# Details

The Hex color **D01100** 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 **00BFD0**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5A36**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **D01100**, and if you desaturate by 10%, it is **D02415**.

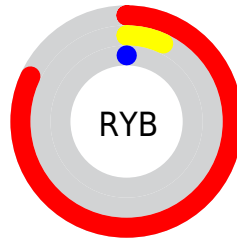
# Distribution



Red (82%)

Green (7%)

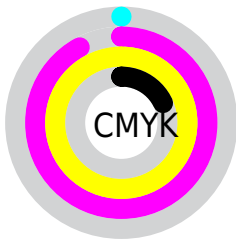
Blue (0%)



Red (82%)

Yellow (7%)

Blue (0%)

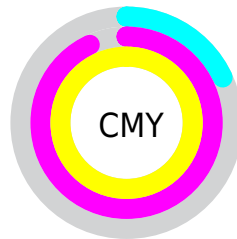


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (93%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D01100 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 D01100 by changing the saturation by 10% instead.



 D01100

 D01100

 FFFFF1

 B00000

 FF5A36

 8F0000

 FF784E

 6F0000

 FF9568

 510002

 FFB282

 330002

 FFCF9C

 000000

 FFEDB8

 FFFFD4

 D01100

 D02415

 D0372A

 D04A3E

 D05D53

 D07168

 D0847D

 D09792

 D0AAA6

 D0BDBB

# Harmonies

## Analogous

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



E20051



D01100



A45200

# Triad

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



D01100



008233



006AFC

# Complementary

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



D01100



00BFD0

# 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.



007EF6



D01100



008482

# Square

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



D01100



007C00



0084C8



8442D9

# Rectangle

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



D01100



7E6600



0084C8



0073FF



# Sweetspot

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



D01100



FFB9B3



D000C2



805552



000000



808080



# Same Dimension

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



D01100



FF1500



D07600



695F5E



A80E00



290300



# Inverse Universe

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



00BFD0



00EAFB



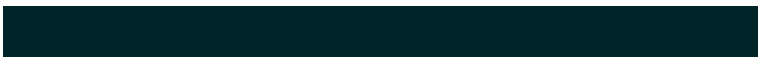
005AD0



5E6869



009BA8



002529



# Previews

## White Background



This preview shows how the Hex color D01100 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 D01100 Background



This preview shows how black text looks on a background with the Hex color D01100.



This preview shows how white text looks on a background with the Hex color D01100.

# 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**  
D01100

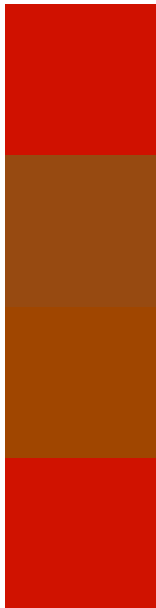
**Protanopia**  
776A1B

**Deuteranopia**  
856400



**Tritanopia**  
D01200

# Trichromacy



**Original Color**  
D01100

**Protanomaly**  
974A11

**Deuteranomaly**  
A04600

**Tritanomaly**  
D01200

# Monochromacy



**Original Color**  
D01100

**Achromatopsia**  
484848

**Achromatomaly**  
79342E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D01100 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 #D01100 looks like.

```
.text, #text, p{  
    color:#D01100  
}
```

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 #D01100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D01100 }  
}
```

## Border

The CSS property to change the border of an element to Hex D01100 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 #D01100 }  
}
```

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

```
.border{ border-color:#D01100 }
```

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

Here you see how a box with a 4 pixel #D01100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D01100; -webkit-box-shadow:4px 4px  
4px 4px #D01100; box-shadow:4px 4px 4px  
4px #D01100 }
```

# Background

The CSS property to change the background color of an element to Hex D01100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D01100 }
```

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

```
.background{ background-color:#D01100 }
```

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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