

# Converting Colors

Hex(D11E00)

Have a look what the booklet for  
Hex(D11E00) contains.

<b>Hex(D11E00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D11E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D11E00
RGB	209, 30, 0
RGB Percent	82%, 12%, 0%
CMY	0.1804, 0.8824, 1.0000
CMYK	0.00, 0.86, 1.00, 0.18
HSL	9°, 100%, 41%
HSV	9°, 100%, 82%
XYZ	26.7588, 14.4839, 1.3853
YIQ	80.1010, 116.3140, 28.6180

# Conversions

## Conversions Part 2

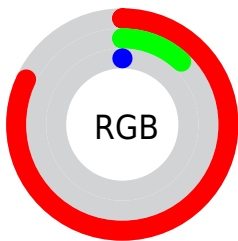
Format	Color
<a href="#">RYB</a>	209, 35, 0
Decimal	13704704
CIELab	44.92, 65.12, 58.34
CIElCh	45, 87.433, 41.858
Yxy	14.4839, 0.6277, 0.3398
Android (android.graphics.Color)	4291894784 (0xFFD11E00)
YUV	80.1010, -39.4898, 113.0444
Hunter-Lab	38.0577, 58.9044, 24.4822

# Details

The Hex color **D11E00** 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 **00B3D1**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF6037**, and **900000** is the 20% darker color. If you saturate the color by 10%, you get **D11E00**, and if you desaturate by 10%, it is **D13015**.

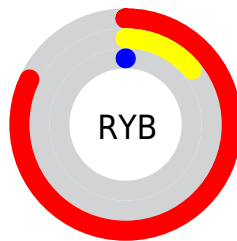
# Distribution



Red (82%)

Green (12%)

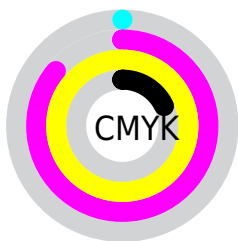
Blue (0%)



Red (82%)

Yellow (14%)

Blue (0%)

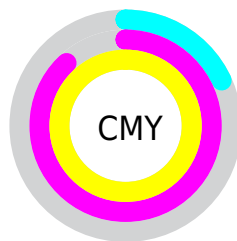


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (88%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D11E00 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 D11E00 by changing the saturation by 10% instead.



 D11E00

 D11E00

 FFFFF2

 B10000

 FF6037

 900000

 FF7D50

 700000

 FF9A69

 520002

 FFB783

 340002

 FFD49E

 000000

 FFF2B9

 FFFF5D

 D11E00

 D13015

 D1422A

 D1543F

 D16654

 D17869

 D1897D

 D19B92

 D1ADA7

 D1BFBC

# Harmonies

## Analogous

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



E40051



D11E00



A55600

# Triad

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



D11E00



008439



006BFC

# Complementary

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



D11E00



00B3D1

# 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.



007FF7



D11E00



008787

# Square

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



D11E00



007E00



0086CC



8B43D9

# Rectangle

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



D11E00



7E6900



0086CC



0074FF



# Sweetspot

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



D11E00



FFBDB3



D100B5



805852



000000



808080



# Same Dimension

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



D11E00



FF2500



D18400



69605E



A81800



290600



# Inverse Universe

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



00B3D1



00DAFF



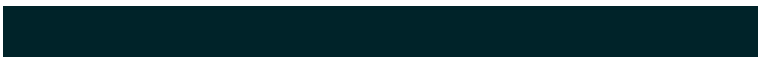
004DD1



5E6769



0090A8



002329



# Previews

## White Background



This preview shows how the Hex color D11E00 looks on a white background.

## Color Contrast Check

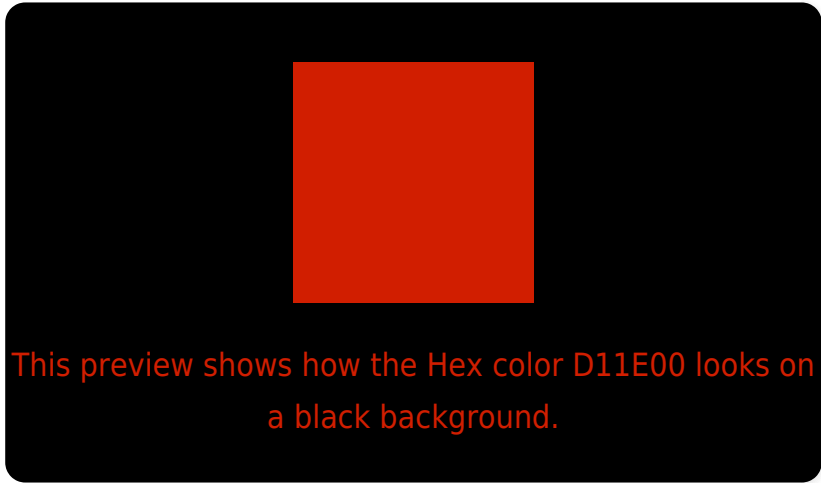
Large Text (above 18pt) WCAG AA ✓ Pass

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

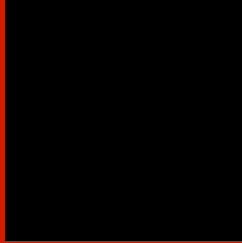
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D11E00 Background



This preview shows how black text looks on a background with the Hex color D11E00.



This preview shows how white text looks on a background with the Hex color D11E00.

# 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



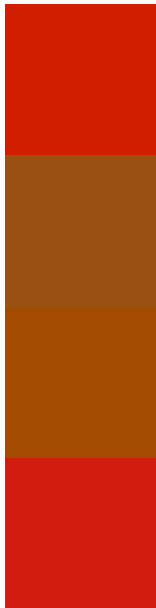
**Original Color**  
D11E00

**Protanopia**  
796C1A

**Deuteranopia**  
886600



# Trichromacy



**Original Color**  
D11E00

**Protanomaly**  
995011

**Deuteranomaly**  
A34C00

**Tritanomaly**  
D11D10

# Monochromacy



**Original Color**  
D11E00

**Achromatopsia**  
505050

**Achromatomaly**  
7F3E33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D11E00 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 #D11E00 looks like.

```
.text, #text, p{  
    color:#D11E00  
}
```

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 #D11E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D11E00  
}
```

## Border

The CSS property to change the border of an element to Hex D11E00 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  
#D11E00 }
```

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

```
.border{ border-color:#D11E00 }
```

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

Here you see how a box with a 4 pixel #D11E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D11E00; -webkit-box-shadow:4px 4px  
4px 4px #D11E00; box-shadow:4px 4px 4px  
4px #D11E00 }
```

# Background

The CSS property to change the background color of an element to Hex D11E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D11E00 }
```

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

```
.background{ background-color:#D11E00 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor