

# Converting Colors

Hex(D30F1F)

Have a look what the booklet for  
Hex(D30F1F) contains.

<b>Hex(D30F1F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Hex(D30F1F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D30F1F
RGB	211, 15, 31
RGB Percent	83%, 6%, 12%
CMY	0.1725, 0.9412, 0.8784
CMYK	0.00, 0.93, 0.85, 0.17
HSL	355°, 87%, 44%
HSV	355°, 93%, 83%
XYZ	27.2821, 14.2895, 2.6165
YIQ	75.4280, 111.6800, 46.5280

# Conversions

## Conversions Part 2

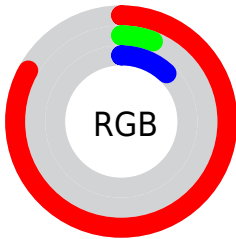
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 15, 31
Decimal	13831967
CIE <sub>Lab</sub>	44.65, 68.42, 46.85
CIE <sub>LCh</sub>	45, 82.923, 34.398
Yxy	14.2895, 0.6174, 0.3234
Android (android.graphics.Color)	4292022047 (0xFFD30F1F)
YUV	75.4280, -21.9030, 118.8966
Hunter-Lab	37.8014, 62.6750, 22.3570

# Details

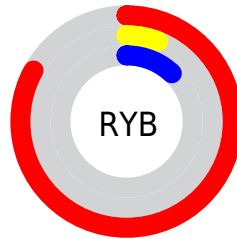
The Hex color **D30F1F** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **0FD3C3**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5B4D**, and **930000** is the 20% darker color. If you saturate the color by 10%, you get **D30011**, and if you desaturate by 10%, it is **D32432**.

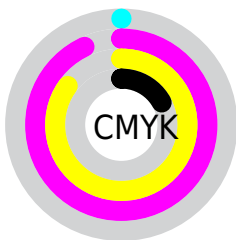
# Distribution



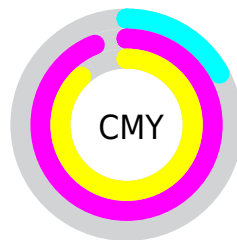
- Red (83%)
- Green (6%)
- Blue (12%)



- Red (83%)
- Yellow (6%)
- Blue (12%)



- Cyan (0%)
- Magenta (93%)
- Yellow (85%)
- Black (17%)



- Cyan (17%)
- Magenta (94%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D30F1F 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 D30F1F by changing the saturation by 10% instead.



 D30F1F

 D30F1F

FFFFFF

 B30008

 FF5B4D

 930000

 FF7866

 730000

 FF967F

 540002

 FFB399

 360002

 FFD0B4

 060000

 FFEED0

 000000

 FFFFED

 D30F1F

 D30F1F

 D30011

 D32432

 D33946

 D34E59

 D3636D

 D37980

 D38E93

 D3A3A7

 D3B8BA

 D3CDCD

# Harmonies

## Analogous

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



DD0063



D30F1F



AF4D00

# Triad

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



D30F1F



008227



0071F6

# Complementary

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



D30F1F



0FD3C3

# 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.



0080E8



D30F1F



008572

# Square

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



D30F1F



277A00



0085B7



6C51DE

# Rectangle

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



D30F1F



8C6300



0085B7



0077F6



# Sweetspot

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



D30F1F



FFB8BD



C30FD3



805458



000000



808080



# Same Dimension

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



D30F1F



FF0015



D3610F



695E5F



A8000E



290003



# Inverse Universe

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



D30F1F



FF0015



0F81D3



695E5F



A8000E



290003



# Previews

## White Background



This preview shows how the Hex color D30F1F looks on a white background.

## Color Contrast Check

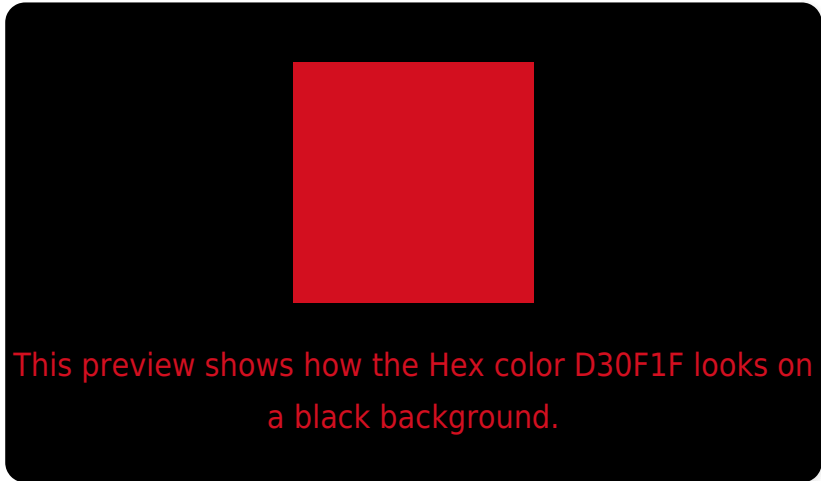
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30F1F Background



This preview shows how black text looks on a background with the Hex color D30F1F.



This preview shows how white text looks on a background with the Hex color D30F1F.

# 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**  
D30F1F

**Protanopia**  
776B33

**Tritanopia**  
D31307

# Trichromacy



**Original Color**  
D30F1F

**Protanomaly**  
984A2C

**Tritanomaly**  
D31210

# Monochromacy



**Original Color**  
D30F1F

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
7C353B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D30F1F 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 #D30F1F looks like.

```
.text, #text, p{  
    color:#D30F1F  
}
```

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 #D30F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30F1F
}
```

## Border

The CSS property to change the border of an element to Hex D30F1F 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".

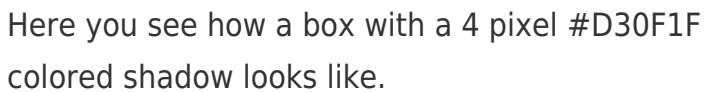
```
.border, #border, table{ border:4px solid
#D30F1F }
```

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

```
.border{ border-color:#D30F1F }
```

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

Here you see how a box with a 4 pixel #D30F1F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30F1F; -webkit-box-shadow:4px 4px  
4px 4px #D30F1F; box-shadow:4px 4px 4px  
4px #D30F1F }
```

# Background

The CSS property to change the background color of an element to Hex D30F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30F1F }
```

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

```
.background{ background-color:#D30F1F }
```

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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