

Converting Colors

Hex(D30B0B)

Have a look what the booklet for
Hex(D30B0B) contains.

Hex(D30B0B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D30B0B)

Conversions

Conversions Part 1

Format	Color
Hex	D30B0B
RGB	211, 11, 11
RGB Percent	83%, 4%, 4%
CMY	0.1725, 0.9569, 0.9569
CMYK	0.00, 0.95, 0.95, 0.17
HSL	0°, 90%, 44%
HSV	0°, 95%, 83%
XYZ	27.0440, 14.1124, 1.6152
YIQ	70.8000, 119.2000, 42.4000

Conversions

Conversions Part 2

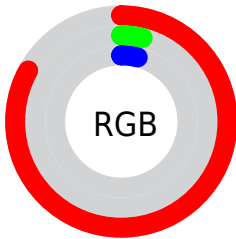
Format	Color
RYB	211, 11, 11
Decimal	13830923
CIELab	44.39, 68.54, 54.99
CIElCh	44, 87.874, 38.736
Yxy	14.1124, 0.6323, 0.3299
Android (android.graphics.Color)	4292021003 (0xFFD30B0B)
YUV	70.8000, -29.4814, 122.9554
Hunter-Lab	37.5665, 62.7606, 23.7473

Details

The Hex color **D30B0B** 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 **0BD3D3**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF593D**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D30000**, and if you desaturate by 10%, it is **D32020**.

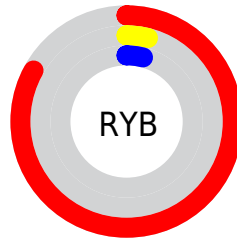
Distribution



Red (83%)

Green (4%)

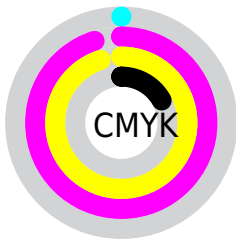
Blue (4%)



Red (83%)

Yellow (4%)

Blue (4%)

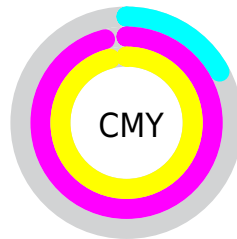


Cyan (0%)

Magenta (95%)

Yellow (95%)

Black (17%)



Cyan (17%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30B0B 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 D30B0B by changing the saturation by 10% instead.

 D30B0B

 D30B0B

 FFFFF8

 B20000

 FF593D

 920000

 FF7755

 720000

 FF946F

 530002

 FFB189

 350002

 FFCFA4

 030000

 FFEDBF

 000000

 FFFFDB

 D30B0B

 D30B0B

 D30000

 D32020

 D33535

 D34A4A

 D35F5F

 D37474

 D38A8A

 D39F9F

 D3B4B4

 D3C9C9

Harmonies

Analogous

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



E20058



D30B0B



A95000

Triad

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



D30B0B



00822F



006DFD

Complementary

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



D30B0B



0BD3D3

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.



007FF4



D30B0B



00857D

Square

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



D30B0B



007C00



0085C4



7D47DD

Rectangle

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



D30B0B



836600



0085C4



0075FF

Sweetspot

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



D30B0B



FFB8B8



D30BD3



805454



000000



808080

Same Dimension

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



D30B0B



FF0000



D36F0B



695E5E



A80000



290000

Inverse Universe

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



0BD3D3



00FFFF



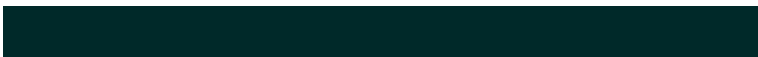
0B6FD3



5E6969



00A8A8



002929

Previews

White Background



This preview shows how the Hex color D30B0B looks on a white background.

Color Contrast Check

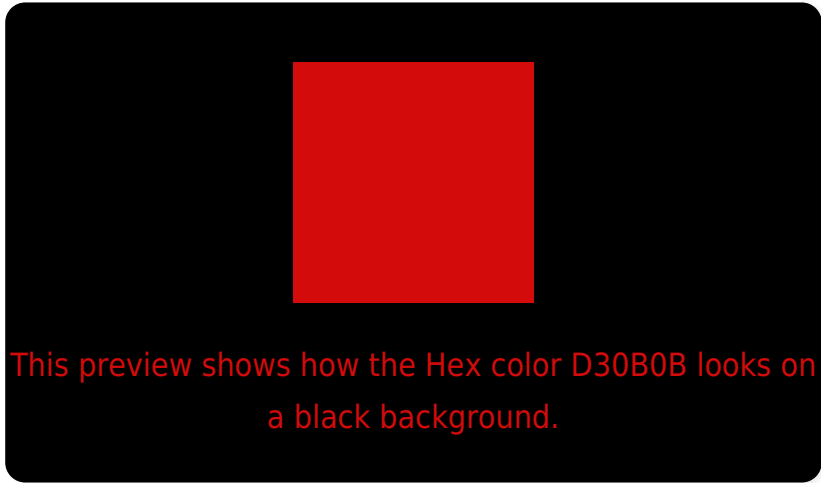
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30B0B Background



This preview shows how black text looks on a background with the Hex color D30B0B.



This preview shows how white text looks on a background with the Hex color D30B0B.

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
D30B0B

Protanopia
786B1F

Deuteranopia
866500



Tritanopia
D21300

Trichromacy



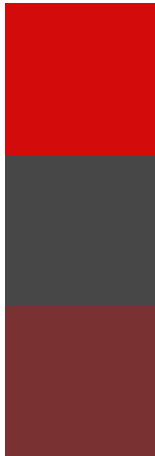
Original Color
D30B0B

Protanomaly
994818

Deuteranomaly
A24404

Tritanomaly
D21004

Monochromacy



Original Color
D30B0B

Achromatopsia
474747

Achromatomaly
7A3131

CSS Examples

Text

The CSS property to change the color of the text to Hex D30B0B 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 #D30B0B looks like.

```
.text, #text, p{  
    color:#D30B0B  
}
```

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 #D30B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30B0B
}
```

Border

The CSS property to change the border of an element to Hex D30B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

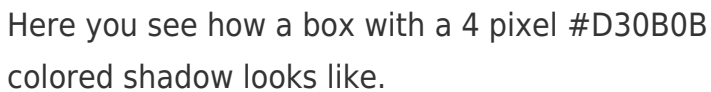
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D30B0B }
```

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

```
.border{ border-color:#D30B0B }
```

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



Here you see how a box with a 4 pixel `#D30B0B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30B0B; -webkit-box-shadow:4px 4px  
4px 4px #D30B0B; box-shadow:4px 4px 4px  
4px #D30B0B }
```

Background

The CSS property to change the background color of an element to Hex D30B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30B0B }
```

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

```
.background{ background-color:#D30B0B }
```

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