

Converting Colors

Hex(D3000B)

Have a look what the booklet for
Hex(D3000B) contains.

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Color

Hex(D3000B)

Conversions

Conversions Part 1

Format	Color
Hex	D3000B
RGB	211, 0, 11
RGB Percent	83%, 0%, 4%
CMY	0.1725, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.95, 0.17
HSL	357°, 100%, 41%
HSV	357°, 100%, 83%
XYZ	26.9244, 13.8730, 1.5753
YIQ	64.3430, 122.2250, 48.1530

Conversions

Conversions Part 2

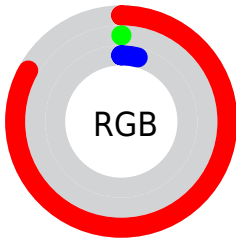
Format	Color
RYB	211, 0, 11
Decimal	13828107
CIELab	44.05, 69.54, 54.80
CIElCh	44, 88.537, 38.240
Yxy	13.8730, 0.6354, 0.3274
Android (android.graphics.Color)	4292018187 (0xFFD3000B)
YUV	64.3430, -26.2981, 128.6182
Hunter-Lab	37.2465, 63.8507, 23.5650

Details

The Hex color **D3000B** 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 **00D3C8**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF573D**, and **920000** is the 20% darker color. If you saturate the color by 10%, you get **D3000B**, and if you desaturate by 10%, it is **D3151F**.

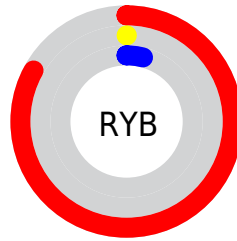
Distribution



Red (83%)

Green (0%)

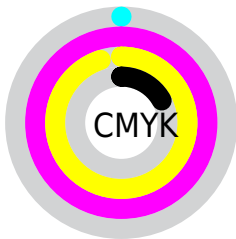
Blue (4%)



Red (83%)

Yellow (0%)

Blue (4%)

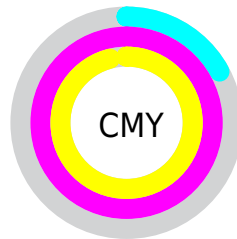


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3000B 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 D3000B by changing the saturation by 10% instead.

 D3000B

 D3000B

 FFFFF7

 B20000

 FF573D

 920000

 FF7555

 720000

 FF926E

 530002

 FFAF88

 350002

 FFCDA3

 020000

 FFEBBF

 000000

 FFFFDB

 D3000B

 D3151F

 D32A33

 D33F47

 D3545B

 D36A6F

 D37F83

 D39497

 D3A9AB

 D3BEBF

Harmonies

Analogous

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



E20058



D3000B



A94F00

Triad

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



D3000B



00822C



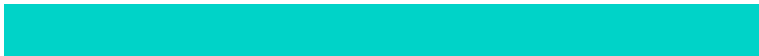
006DFD

Complementary

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



D3000B



00D3C8

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.



007FF3



D3000B



00847B

Square

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



D3000B



007B00



0085C3



7A47DE

Rectangle

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



D3000B



836400



0085C3



0075FF

Sweetspot

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



D3000B



FFB3B6



C500D3



805254



000000



808080

Same Dimension

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



D3000B



FF000D



D35B00



695E5F



A80009



290002

Inverse Universe

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



D3000B



FF000D



0078D3



695E5F



A80009



290002

Previews

White Background



This preview shows how the Hex color D3000B looks on a white background.

Color Contrast Check

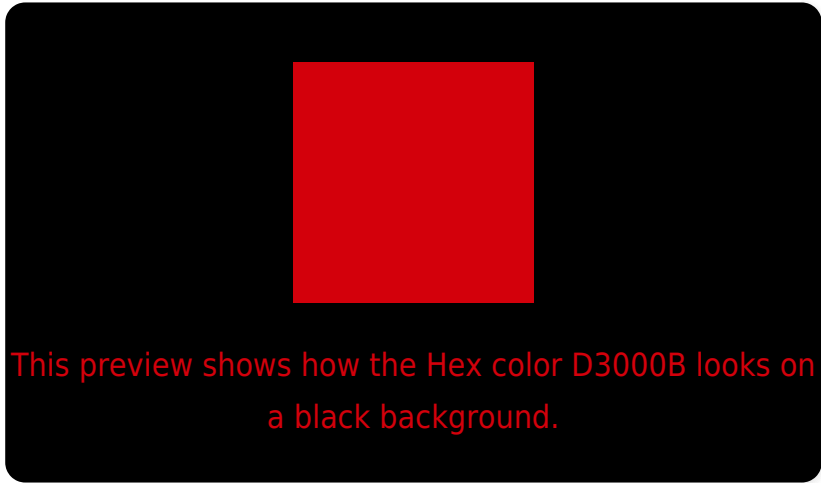
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3000B Background



This preview shows how black text looks on a background with the Hex color D3000B.



This preview shows how white text looks on a background with the Hex color D3000B.

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
D3000B

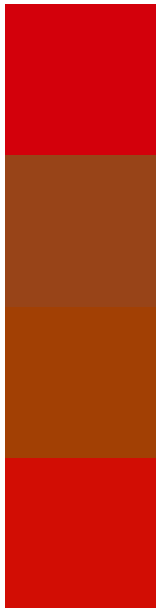
Protanopia
776B1F

Deuteranopia
866500



Tritanopia
D11400

Trichromacy



Original Color
D3000B

Protanomaly
984418

Deuteranomaly
A24004

Tritanomaly
D20D04

Monochromacy



Original Color
D3000B

Achromatopsia
404040

Achromatomaly
75292D

CSS Examples

Text

The CSS property to change the color of the text to Hex D3000B 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 #D3000B looks like.

```
.text, #text, p{  
    color:#D3000B  
}
```

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 #D3000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3000B
}
```

Border

The CSS property to change the border of an element to Hex D3000B is called "border". The border property can be set on classes, ids or directly on the HTML element.

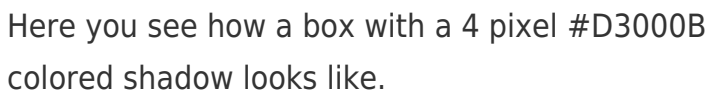
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D3000B }
```

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

```
.border{ border-color:#D3000B }
```

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



Here you see how a box with a 4 pixel #D3000B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3000B; -webkit-box-shadow:4px 4px  
4px 4px #D3000B; box-shadow:4px 4px 4px  
4px #D3000B }
```

Background

The CSS property to change the background color of an element to Hex D3000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3000B }
```

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

```
.background{ background-color:#D3000B }
```

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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