

Converting Colors

Hex(D000B)

Have a look what the booklet for
Hex(D0000B) contains.

Hex(D0000B)	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>	28

Color

Hex(D0000B)

Conversions

Conversions Part 1

Format	Color
Hex	D0000B
RGB	208, 0, 11
RGB Percent	82%, 0%, 4%
CMY	0.1843, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.95, 0.18
HSL	357°, 100%, 41%
HSV	357°, 100%, 82%
XYZ	26.0728, 13.4341, 1.5354
YIQ	63.4460, 120.4370, 47.5170

Conversions

Conversions Part 2

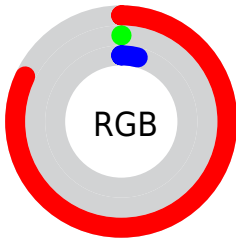
Format	Color
RYB	208, 0, 11
Decimal	13631499
CIELab	43.41, 68.80, 54.11
CIElCh	43, 87.530, 38.186
Yxy	13.4341, 0.6353, 0.3273
Android (android.graphics.Color)	4291821579 (0xFFD0000B)
YUV	63.4460, -25.8559, 126.7739
Hunter-Lab	36.6525, 62.8344, 23.1730

Details

The Hex color **D0000B** 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 **00D0C5**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF563C**, and **8F0000** is the 20% darker color. If you saturate the color by 10%, you get **D0000B**, and if you desaturate by 10%, it is **D0151F**.

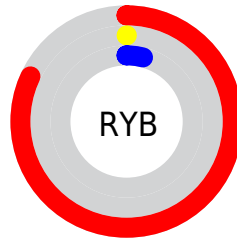
Distribution



Red (82%)

Green (0%)

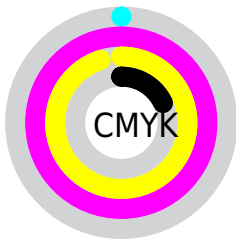
Blue (4%)



Red (82%)

Yellow (0%)

Blue (4%)

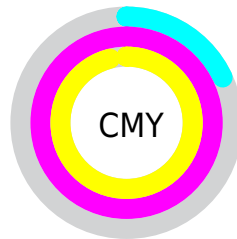


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (18%)



Cyan (18%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0000B 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 D0000B by changing the saturation by 10% instead.

 D0000B

 D0000B

 FFFFFFF7

 AF0000

 FF563C

 8F0000

 FF7455

 6F0000

 FF916E

 510002

 FFAE88

 320002

 FFCCA3

 000000

 FFEABE

 FFFFDA

 D0000B

 D0151F

 D02A32

 D03E46

 D0535A

 D0686D

 D07D81

 D09295

 D0A6A9

 D0BBBC

Harmonies

Analogous

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



DF0057



D0000B



A74D00

Triad

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



D0000B



00802B



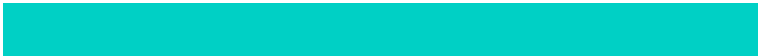
006BFA

Complementary

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



D0000B



00D0C5

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.



007DF0



D0000B



008279

Square

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



D0000B



007900



0083C0



7846DB

Rectangle

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



D0000B



816300



0083C0



0073FB

Sweetspot

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



D0000B



FFB3B7



C200D0



805254



000000



808080

Same Dimension

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



D0000B



FF000D



D05A00



695E5F



A80009



290002

Inverse Universe

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



D0000B



FF000D



0076D0



695E5F



A80009



290002

Previews

White Background



This preview shows how the Hex color D0000B looks on a white background.

Color Contrast Check

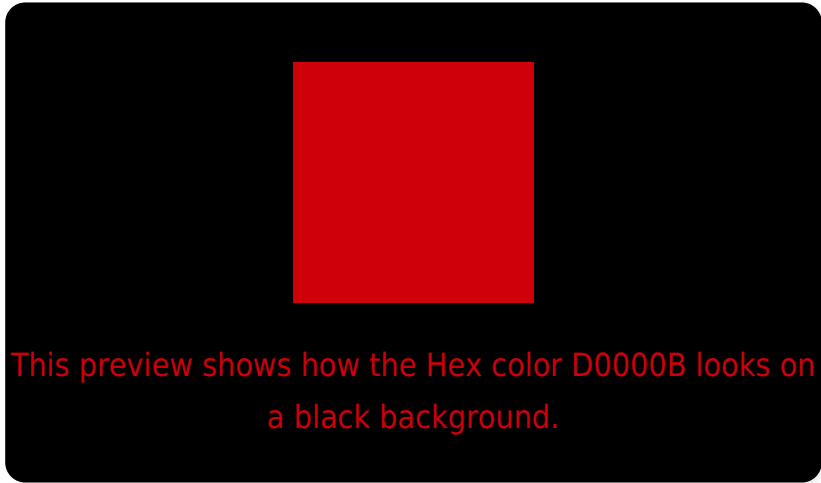
Large Text (above 18pt) WCAG AA ✓ Pass

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 D0000B Background



This preview shows how black text looks on a background with the Hex color D0000B.



This preview shows how white text looks on a background with the Hex color D0000B.

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
D0000B

Protanopia
76691E

Deuteranopia
846400

Trichromacy



Original Color
D0000B

Protanomaly
974317

Deuteranomaly
A04004

Monochromacy



Original Color
D0000B

Achromatopsia
3F3F3F

Achromatomaly
74282C

CSS Examples

Text

The CSS property to change the color of the text to Hex D0000B 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 #D0000B looks like.

```
.text, #text, p{  
    color:#D0000B  
}
```

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 #D0000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0000B
}
```

Border

The CSS property to change the border of an element to Hex D0000B is called "border". The border property can be set on classes, ids or directly on the HTML element.

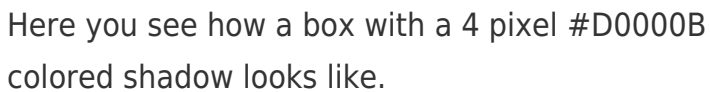
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D0000B }
```

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

```
.border{ border-color:#D0000B }
```

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



Here you see how a box with a 4 pixel `#D0000B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0000B; -webkit-box-shadow:4px 4px  
4px 4px #D0000B; box-shadow:4px 4px 4px  
4px #D0000B }
```

Background

The CSS property to change the background color of an element to Hex D0000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0000B }
```

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

```
.background{ background-color:#D0000B }
```

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