

Converting Colors

Hex(DB000B)

Have a look what the booklet for
Hex(DB000B) contains.

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Color

Hex(DB000B)

Conversions

Conversions Part 1

Format	Color
Hex	DB000B
RGB	219, 0, 11
RGB Percent	86%, 0%, 4%
CMY	0.1412, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.95, 0.14
HSL	357°, 100%, 43%
HSV	357°, 100%, 86%
XYZ	29.2738, 15.0842, 1.6853
YIQ	66.7350, 126.9930, 49.8490

Conversions

Conversions Part 2

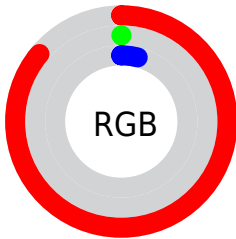
Format	Color
RYB	219, 0, 11
Decimal	14352395
CIELab	45.75, 71.50, 56.62
CIElCh	46, 91.206, 38.375
Yxy	15.0842, 0.6358, 0.3276
Android (android.graphics.Color)	4292542475 (0xFFDB000B)
YUV	66.7350, -27.4774, 133.5364
Hunter-Lab	38.8384, 66.5742, 24.6142

Details

The Hex color **DB000B** 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 **00DBD0**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF593D**, and **990000** is the 20% darker color. If you saturate the color by 10%, you get **DB000B**, and if you desaturate by 10%, it is **DB1620**.

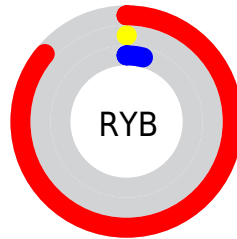
Distribution



Red (86%)

Green (0%)

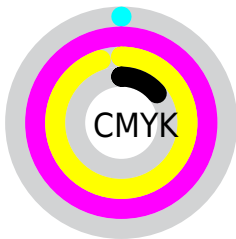
Blue (4%)



Red (86%)

Yellow (0%)

Blue (4%)

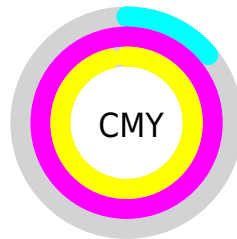


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (14%)



Cyan (14%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB000B 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 DB000B by changing the saturation by 10% instead.

 DB000B

 DB000B

 FFFFF9

 BA0000

 FF593D

 990000

 FF7756

 790000

 FF946F

 5A0002

 FFB289

 3C0003

 FFCFA4

 160000

 FFEDC0

 000000

 FFFFDC

 DB000B

 DB1620

 DB2C35

 DB4249

 DB585E

 DB6E73

 DB8388

 DB999D

 DBAFB1

 DBC5C6

Harmonies

Analogous

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



EB005B



DB000B



B05200

Triad

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



DB000B



00872E



0071FF

Complementary

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



DB000B



00DBD0

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.



0084FD



DB000B



008A81

Square

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



DB000B



008000



008ACB



8049E6

Rectangle

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



DB000B



886900



008ACB



0079FF

Sweetspot

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



DB000B



FFB3B6



CC00DB



805254



000000



808080

Same Dimension

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



DB000B



FF000D



DB5F00



6E6363



AD0009



2E0002

Inverse Universe

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



DB000B



FF000D



007CDB



6E6363



AD0009



2E0002

Previews

White Background



This preview shows how the Hex color DB000B looks on a white background.

Color Contrast Check

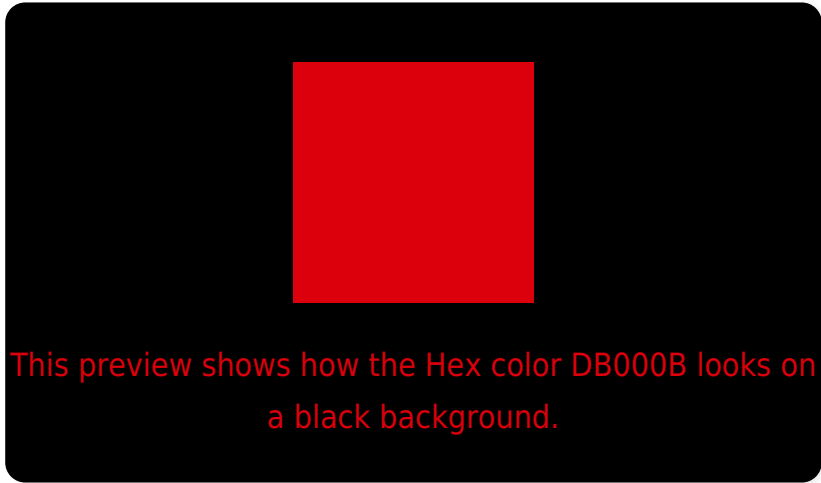
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB000B Background



This preview shows how black text looks on a background with the Hex color DB000B.



This preview shows how white text looks on a background with the Hex color DB000B.

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
DB000B

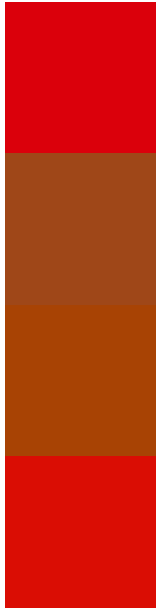
Protanopia
7C6F20

Deuteranopia
8B6900



Tritanopia
D91400

Trichromacy



Original Color
DB000B

Protanomaly
9F4718

Deuteranomaly
A84304

Tritanomaly
DA0D04

Monochromacy



Original Color
DB000B

Achromatopsia
434343

Achromatomaly
7A2B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex DB000B 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 #DB000B looks like.

```
.text, #text, p{  
    color:#DB000B  
}
```

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 #DB000B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB000B
}
```

Border

The CSS property to change the border of an element to Hex DB000B 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".

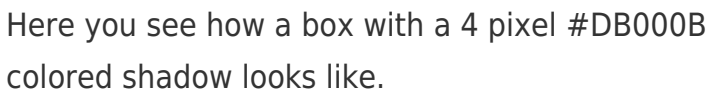
```
.border, #border, table{ border:4px solid
#DB000B }
```

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

```
.border{ border-color:#DB000B }
```

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

Here you see how a box with a 4 pixel #DB000B colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is visible on the right and bottom edges of the box, indicating a 4-pixel offset in both directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB000B; -webkit-box-shadow:4px 4px  
4px 4px #DB000B; box-shadow:4px 4px 4px  
4px #DB000B }
```

Background

The CSS property to change the background color of an element to Hex DB000B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB000B }
```

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

```
.background{ background-color:#DB000B }
```

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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