

Converting Colors

Hex(DB3B00)

Have a look what the booklet for
Hex(DB3B00) contains.

Hex(DB3B00)	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(DB3B00)

Conversions

Conversions Part 1

Format	Color
Hex	DB3B00
RGB	219, 59, 0
RGB Percent	86%, 23%, 0%
CMY	0.1412, 0.7686, 1.0000
CMYK	0.00, 0.73, 1.00, 0.14
HSL	16°, 100%, 43%
HSV	16°, 100%, 86%
XYZ	30.7774, 18.1880, 1.8885
YIQ	100.1140, 114.2990, 15.5710

Conversions

Conversions Part 2

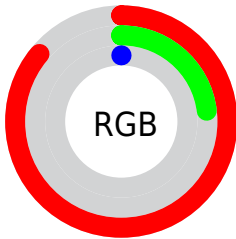
Format	Color
RYB	219, 81, 0
Decimal	14367488
CIELab	49.72, 60.06, 61.55
CIELCh	50, 85.993, 45.701
Yxy	18.1880, 0.6052, 0.3577
Android (android.graphics.Color)	4292557568 (0xFFDB3B00)
YUV	100.1140, -49.3562, 104.2630
Hunter-Lab	42.6474, 54.1853, 27.2277

Details

The Hex color **DB3B00** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00A0DB**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF753B**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **DB3B00**, and if you desaturate by 10%, it is **DB4B16**.

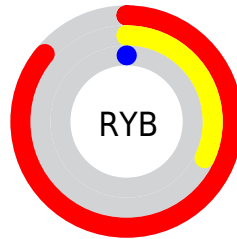
Distribution



Red (86%)

Green (23%)

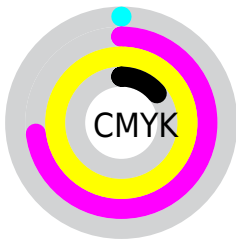
Blue (0%)



Red (86%)

Yellow (32%)

Blue (0%)

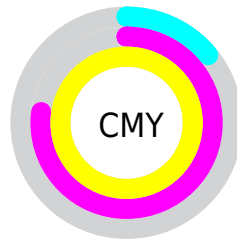


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB3B00 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 DB3B00 by changing the saturation by 10% instead.

 DB3B00

 DB3B00

 FFFFFFF9

 BB1700

 FF753B

 9A0000

 FF9154

 7B0000

 FFAD6E

 5C0000

 FFCA89

 400003

 FFE7A4

 1D0001

 FFFFC0

 000000

 FFFFDC

 DB3B00

 DB4B16

 DB5B2C

 DB6B42

 DB7B58

 DB8B6E

 DB9B83

 DBAB99

 DBBBAF

 DBCBC5

Harmonies

Analogous

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



F10054



DB3B00



AD6600

Triad

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



DB3B00



00924F



0073FF

Complementary

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



DB3B00



00A0DB

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.



0089FF



DB3B00



00949C

Square

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



DB3B00



008C00



0092DF



A54ADE

Rectangle

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



DB3B00



847800



0092DF



007CFF

Sweetspot

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



DB3B00



FFC7B3



DB00A1



805E52



000000



808080

Same Dimension

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



DB3B00



FF4500



DBA800



6E6663



AD2F00



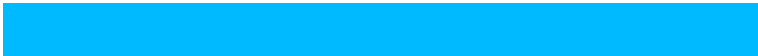
2E0C00

Inverse Universe

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



00A0DB



00BAFF



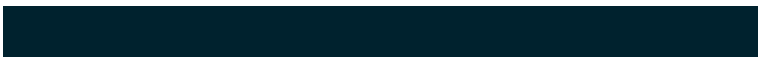
0033DB



636B6E



007FAD



00222E

Previews

White Background



This preview shows how the Hex color DB3B00 looks on a white background.

Color Contrast Check

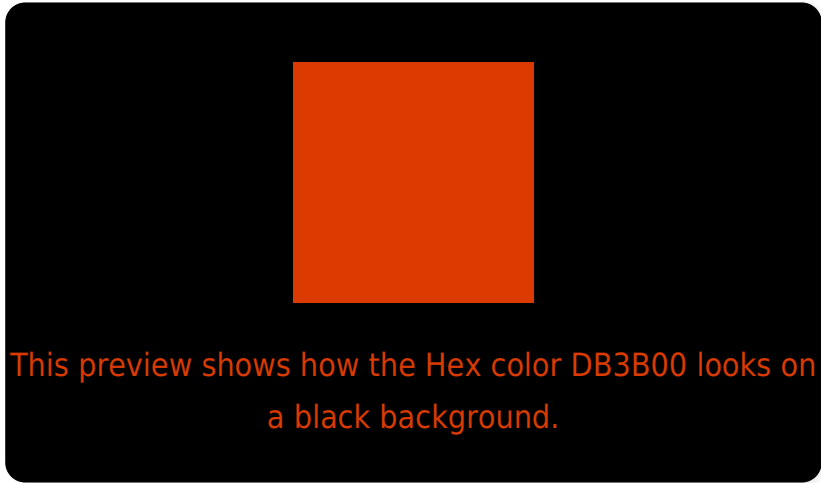
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DB3B00 Background



This preview shows how black text looks on a background with the Hex color DB3B00.



This preview shows how white text looks on a background with the Hex color DB3B00.

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

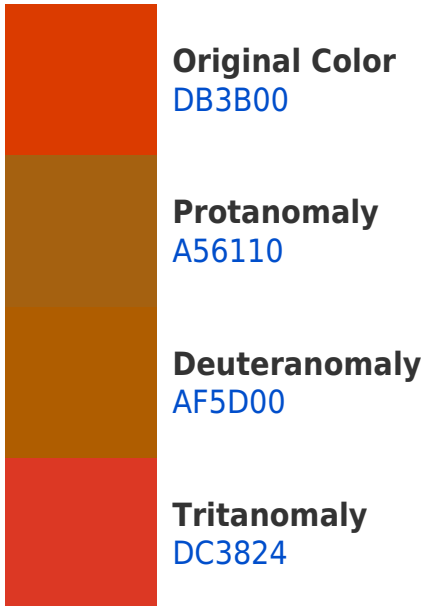


Original Color
DB3B00

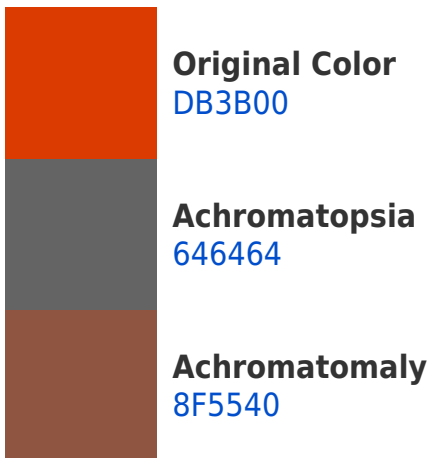
Protanopia
867719

Deuteranopia
967100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB3B00 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 #DB3B00 looks like.

```
.text, #text, p{  
    color:#DB3B00  
}
```

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 #DB3B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB3B00  
}
```

Border

The CSS property to change the border of an element to Hex DB3B00 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  
#DB3B00 }
```

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

```
.border{ border-color:#DB3B00 }
```

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

Here you see how a box with a 4 pixel #DB3B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB3B00; -webkit-box-shadow:4px 4px  
4px 4px #DB3B00; box-shadow:4px 4px 4px  
4px #DB3B00 }
```

Background

The CSS property to change the background color of an element to Hex DB3B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB3B00 }
```

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

```
.background{ background-color:#DB3B00 }
```

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