

Converting Colors

Hex(DB4700)

Have a look what the booklet for
Hex(DB4700) contains.

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Color

Hex(DB4700)

Conversions

Conversions Part 1

Format	Color
Hex	DB4700
RGB	219, 71, 0
RGB Percent	86%, 28%, 0%
CMY	0.1412, 0.7216, 1.0000
CMYK	0.00, 0.68, 1.00, 0.14
HSL	19°, 100%, 43%
HSV	19°, 100%, 86%
XYZ	31.4667, 19.5665, 2.1182
YIQ	107.1580, 110.9990, 9.2950

Conversions

Conversions Part 2

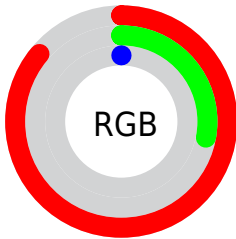
Format	Color
R _Y B	219, 105, 0
Decimal	14370560
CIE Lab	51.34, 55.62, 62.32
CIE LCh	51, 83.529, 48.252
Yxy	19.5665, 0.5920, 0.3681
Android (android.graphics.Color)	4292560640 (0xFFDB4700)
YUV	107.1580, -52.8289, 98.0854
Hunter-Lab	44.2341, 49.5693, 28.1246

Details

The Hex color **DB4700** 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 **0094DB**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7E3D**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DB4700**, and if you desaturate by 10%, it is **DB5616**.

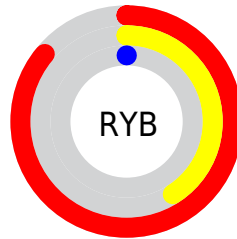
Distribution



Red (86%)

Green (28%)

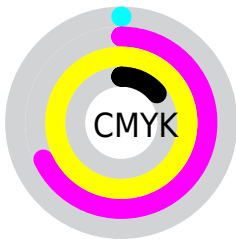
Blue (0%)



Red (86%)

Yellow (41%)

Blue (0%)

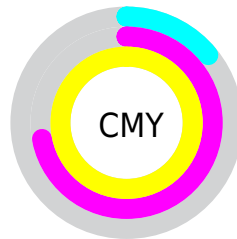


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4700 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 DB4700 by changing the saturation by 10% instead.

 DB4700

 DB4700

FFFFFFC

 BB2900

 FF7E3D

 9B0000

 FF9A56

 7B0000

 FFB770

 5D0000

 FFD38B

 410002

 FFF1A6

 200001

 FFFFC2

 000000

 FFFFDF

 DB4700

 DB5616

 DB652C

 DB7342

 DB8258

 DB916E

 DBA083

 DBAF99

 DBBDAF

 DBCC5

Harmonies

Analogous

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



F30053



DB4700



AC6D00

Triad

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



DB4700



00965B



0074FF

Complementary

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



DB4700



0094DB

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.



008CFF



DB4700



0098A5

Square

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



DB4700



009000



0096E5



B04CDB

Rectangle

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



DB4700



837E00



0096E5



007EFF

Sweetspot

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



DB4700



FFCBB3



DB0096



806052



000000



808080

Same Dimension

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



DB4700



FF5300



DBB300



6E6663



AD3800



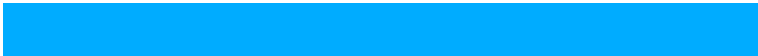
2E0F00

Inverse Universe

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



0094DB



00ACFF



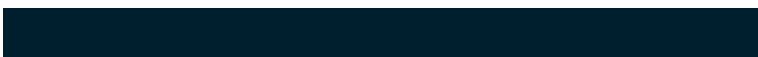
0028DB



636A6E



0075AD



001F2E

Previews

White Background



This preview shows how the Hex color DB4700 looks on a white background.

Color Contrast Check

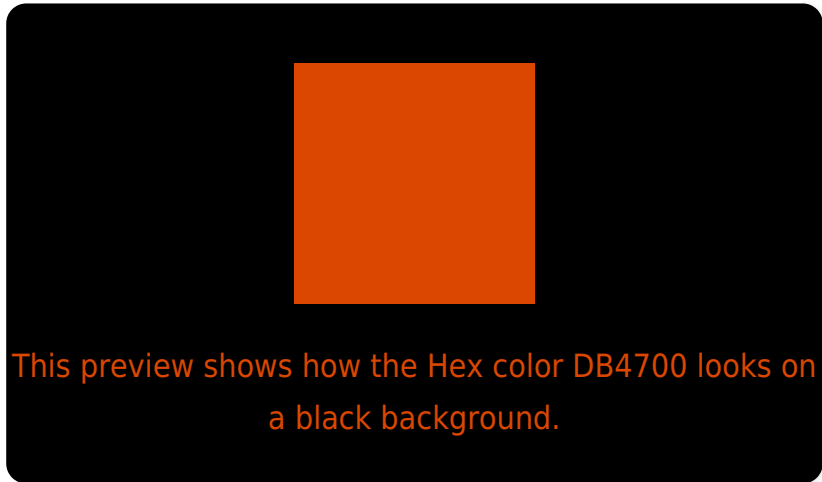
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 DB4700 Background



This preview shows how black text looks on a background with the Hex color DB4700.



This preview shows how white text looks on a background with the Hex color DB4700.

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

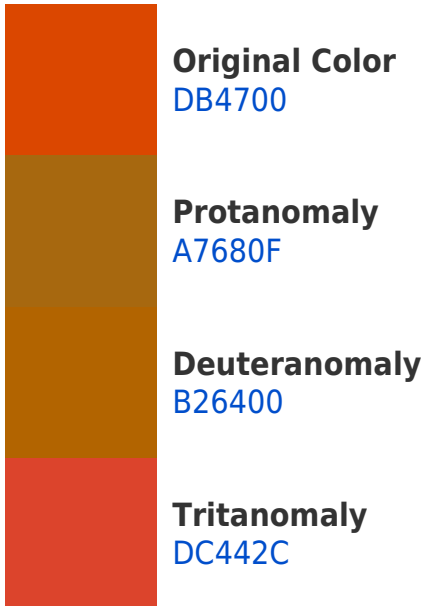


Original Color
DB4700

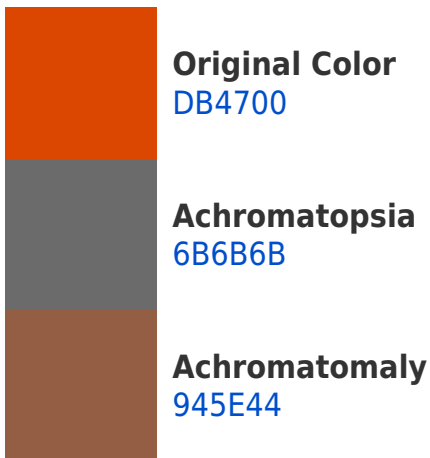
Protanopia
8A7B17

Deuteranopia
9B7500

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB4700 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 #DB4700 looks like.

```
.text, #text, p{  
    color:#DB4700  
}
```

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 #DB4700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4700
}
```

Border

The CSS property to change the border of an element to Hex DB4700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

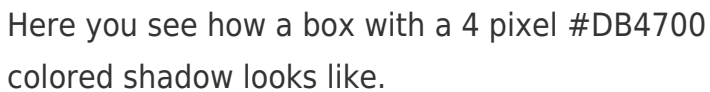
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB4700 }
```

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

```
.border{ border-color:#DB4700 }
```

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



Here you see how a box with a 4 pixel #DB4700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4700; -webkit-box-shadow:4px 4px  
4px 4px #DB4700; box-shadow:4px 4px 4px  
4px #DB4700 }
```

Background

The CSS property to change the background color of an element to Hex DB4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4700 }
```

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

```
.background{ background-color:#DB4700 }
```

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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