

# Converting Colors

Hex(DB6D00)

Have a look what the booklet for  
Hex(DB6D00) contains.

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**Color**

**Hex(DB6D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB6D00
RGB	219, 109, 0
RGB Percent	86%, 43%, 0%
CMY	0.1412, 0.5725, 1.0000
CMYK	0.00, 0.50, 1.00, 0.14
HSL	30°, 100%, 43%
HSV	30°, 100%, 86%
XYZ	34.6821, 25.9973, 3.1900
YIQ	129.4640, 100.5490, -10.5790

# Conversions

## Conversions Part 2

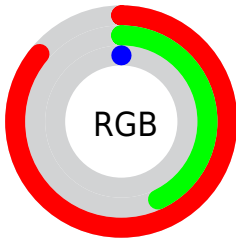
Format	Color
R <sub>Y</sub> B	219, 217, 0
Decimal	14380288
CIE Lab	58.03, 38.18, 65.99
CIE LCh	58, 76.239, 59.948
Yxy	25.9973, 0.5430, 0.4070
Android (android.graphics.Color)	4292570368 (0xFFDB6D00)
YUV	129.4640, -63.8258, 78.5231
Hunter-Lab	50.9876, 32.1884, 31.9818

# Details

The Hex color **DB6D00** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **006EDB**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFA243**, and **9D3A00** is the 20% darker color. If you saturate the color by 10%, you get **DB6D00**, and if you desaturate by 10%, it is **DB7816**.

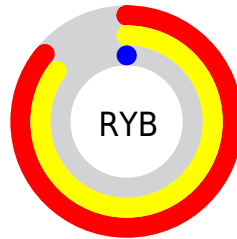
# Distribution



Red (86%)

Green (43%)

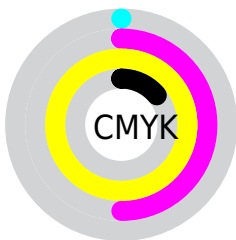
Blue (0%)



Red (86%)

Yellow (85%)

Blue (0%)

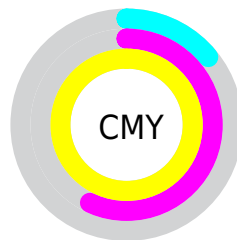


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (57%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB6D00 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 DB6D00 by changing the saturation by 10% instead.



 DB6D00

 DB6D00

FFFFFF

 BB5300

 FFA243

 9D3A00

 FFBE5E

 7E2100

 FFDA79

 600300

 FFF794

 430000

 FFFFB0

 2A0001

 FFFFCC

 000000

 FFFFEE9

 DB6D00

 DB7816

 DB832C

 DB8E42

 DB9958

 DBA46E

 DBAF83

 DBBA99

 DBC5AF

 DBD0C5

# Harmonies

## Analogous

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



FA4B4D



DB6D00



A88900

# Triad

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



DB6D00



00A889



847AFF

# Complementary

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



DB6D00



006EDB

# 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.



0094FF



DB6D00



00A8CD

# Square

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



DB6D00



00A443



00A3FF



DA56CF

# Rectangle

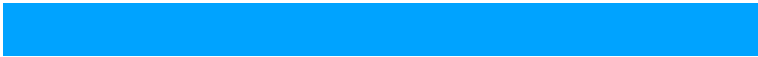
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DB6D00



7E9600



00A3FF



4E84FF



# Sweetspot

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



DB6D00



FFD9B3



DB0071



806852



000000



808080



# Same Dimension

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



DB6D00



FF7F00



DBD700



6E6863



AD5600



2E1700



# Inverse Universe

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



006EDB



0080FF



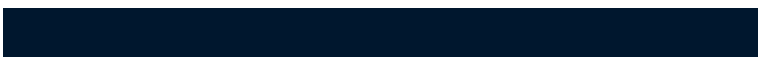
0004DB



63686E



0057AD



00172E



# Previews

## White Background



This preview shows how the Hex color DB6D00 looks on a white background.

## Color Contrast Check

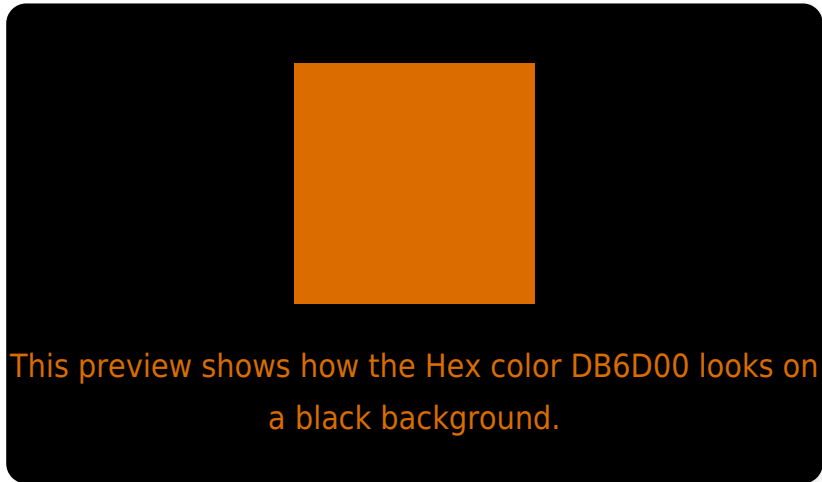
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6D00 Background



This preview shows how black text looks on a background with the Hex color DB6D00.



This preview shows how white text looks on a background with the Hex color DB6D00.

# 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**  
DB6D00

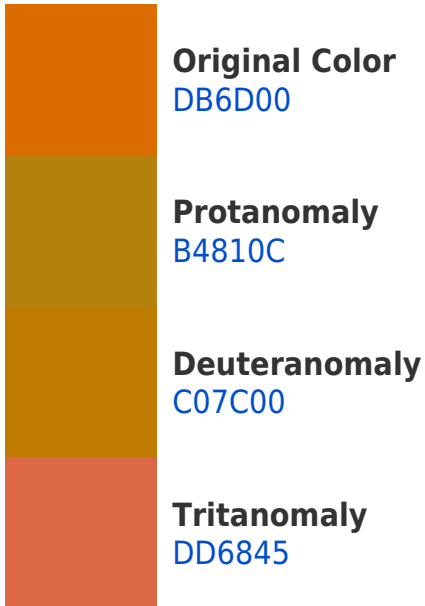
**Protanopia**  
9E8C13

**Deuteranopia**  
B18500



**Tritanopia**  
DE656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB6D00 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 #DB6D00 looks like.

```
.text, #text, p{  
    color:#DB6D00  
}
```

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 #DB6D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6D00
}
```

## Border

The CSS property to change the border of an element to Hex DB6D00 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
#DB6D00 }
```

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

```
.border{ border-color:#DB6D00 }
```

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

Here you see how a box with a 4 pixel #DB6D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6D00; -webkit-box-shadow:4px 4px  
4px 4px #DB6D00; box-shadow:4px 4px 4px  
4px #DB6D00 }
```

# Background

The CSS property to change the background color of an element to Hex DB6D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6D00 }
```

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

```
.background{ background-color:#DB6D00 }
```

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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