

# Converting Colors

Hex(DB6734)

Have a look what the booklet for  
Hex(DB6734) contains.

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**Color**

**Hex(DB6734)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB6734
RGB	219, 103, 52
RGB Percent	86%, 40%, 20%
CMY	0.1412, 0.5961, 0.7961
CMYK	0.00, 0.53, 0.76, 0.14
HSL	18°, 70%, 53%
HSV	18°, 76%, 86%
XYZ	34.6835, 25.0085, 6.2479
YIQ	131.8700, 85.5070, 8.7310

# Conversions

## Conversions Part 2

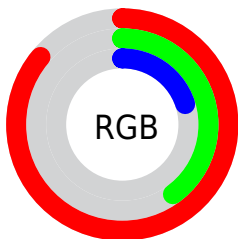
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 125, 52
Decimal	14378804
CIE <sub>Lab</sub>	57.08, 42.28, 48.86
CIE <sub>LCh</sub>	57, 64.619, 49.130
Yxy	25.0085, 0.5260, 0.3793
Android (android.graphics.Color)	4292568884 (0xFFDB6734)
YUV	131.8700, -39.3759, 76.4130
Hunter-Lab	50.0085, 36.2842, 27.5984

# Details

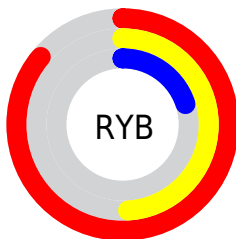
The Hex color **DB6734** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **34A8DB**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9C66**, and **9D3300** is the 20% darker color. If you saturate the color by 10%, you get **DB581E**, and if you desaturate by 10%, it is **DB764A**.

# Distribution



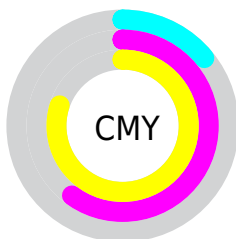
- Red (86%)
- Green (40%)
- Blue (20%)



- Red (86%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (53%)
- Yellow (76%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB6734 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 DB6734 by changing the saturation by 10% instead.



 DB6734

 DB6734

FFFFFF

 BC4D1B

 FF9C66

 9D3300

 FFB87F

 7F1700

 FFD49A

 610000

 FFF1B5

 440000

 FFFFFD1

 2A0001

 FFFFEE

 000000

 DB6734

 DB6734

 DB581E

 DB764A

 DB4908

 DB8560

 DB4300

 DB9576

 DBA48C

 DBB3A2

 DBC2B7

 DBD1CD

 DBE1E3

 DBF0F9

# Harmonies

## Analogous

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



ED5268



DB6734



B57F00

# Triad

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



DB6734



00A272



5C83F4

# Complementary

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



DB6734



34A8DB

# 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.



0096F8



DB6734



00A3AC

# Square

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



DB6734



399C39



00A0DE



B869D4

# Rectangle

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



DB6734



948C00



00A0DE



008AF9



# Sweetspot

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



DB6734



FFD6C4



DB34A9



80675C



000000



808080



# Same Dimension

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



DB6734



FF5C14



DBBA34



6E6663



AD3500



2E0E00



# Inverse Universe

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



34A8DB



14B7FF



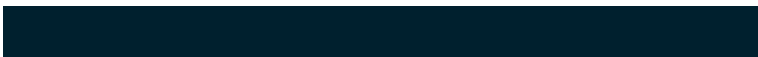
3455DB



636A6E



0078AD

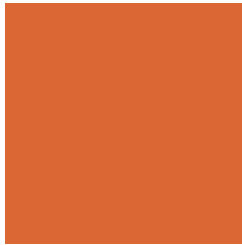


00202E



# Previews

## White Background



This preview shows how the Hex color DB6734 looks on a white background.

## Color Contrast Check

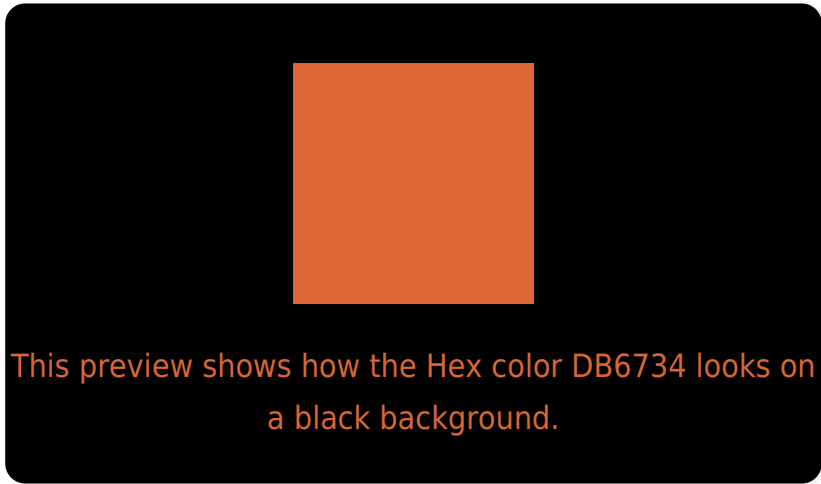
Large Text (above 18pt) WCAG AA ✓ Pass

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

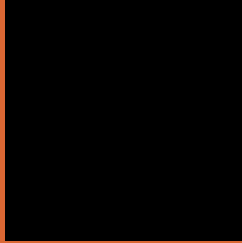
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DB6734 Background



This preview shows how black text looks on a background with the Hex color DB6734.



This preview shows how white text looks on a background with the Hex color DB6734.

# 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**  
DB6734

**Protanopia**  
998A3E

**Deuteranopia**  
AC832C



# Trichromacy



**Original Color**  
DB6734

**Protanomaly**  
B17D3A

**Deuteranomaly**  
BD792F

**Tritanomaly**  
DC6355

# Monochromacy



**Original Color**  
DB6734

**Achromatopsia**  
848484

**Achromatomaly**  
A47967

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB6734 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 #DB6734 looks like.

```
.text, #text, p{  
    color:#DB6734  
}
```

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 #DB6734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6734
}
```

## Border

The CSS property to change the border of an element to Hex DB6734 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
#DB6734 }
```

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

```
.border{ border-color:#DB6734 }
```

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

Here you see how a box with a 4 pixel #DB6734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6734; -webkit-box-shadow:4px 4px  
4px 4px #DB6734; box-shadow:4px 4px 4px  
4px #DB6734 }
```

# Background

The CSS property to change the background color of an element to Hex DB6734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6734 }
```

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

```
.background{ background-color:#DB6734 }
```

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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