

Converting Colors

Hex(DB6C47)

Have a look what the booklet for
Hex(DB6C47) contains.

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Color

Hex(DB6C47)

Conversions

Conversions Part 1

Format	Color
Hex	DB6C47
RGB	219, 108, 71
RGB Percent	86%, 42%, 28%
CMY	0.1412, 0.5765, 0.7216
CMYK	0.00, 0.51, 0.68, 0.14
HSL	15°, 67%, 57%
HSV	15°, 68%, 86%
XYZ	35.7133, 26.2401, 9.1438
YIQ	136.9710, 78.0330, 12.0250

Conversions

Conversions Part 2

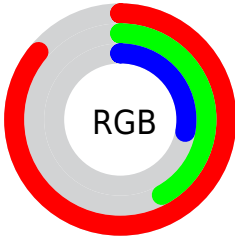
Format	Color
R_{YB}	219, 120, 71
Decimal	14380103
CIE Lab	58.26, 40.70, 40.46
CIE LCh	58, 57.386, 44.833
Yxy	26.2401, 0.5023, 0.3691
Android (android.graphics.Color)	4292570183 (0xFFDB6C47)
YUV	136.9710, -32.5237, 71.9394
Hunter-Lab	51.2251, 34.8033, 25.2742

Details

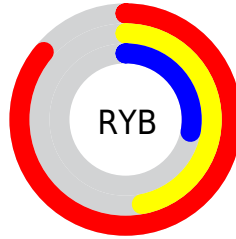
The Hex color **DB6C47** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **47B6DB**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA179**, and **9E3919** is the 20% darker color. If you saturate the color by 10%, you get **DB5C31**, and if you desaturate by 10%, it is **DB7C5D**.

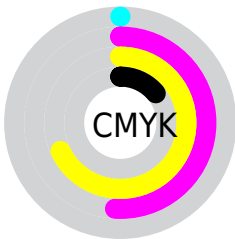
Distribution



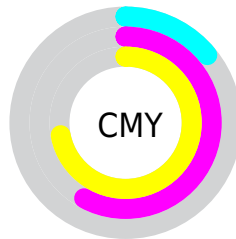
- Red (86%)
- Green (42%)
- Blue (28%)



- Red (86%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6C47 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 DB6C47 by changing the saturation by 10% instead.

 DB6C47

 DB6C47

FFFFFF

 BC522F

 FFA179

 9E3919

 FFBD93

 801E00

 FFDAAE

 630000

 FFF6C9

 460000

 FFFFFE5

 2D0001

 000000

 DB6C47

 DB6C47

 DB5C31

 DB7C5D

 DB4B1B

 DB8D73

 DB3B05

 DB9D89

 DB3700

 DBAE9F

 DBBEB5

 DBCFCA

 DBDFE0

 DBEFF6

 DBFFFF

Harmonies

Analogous

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



E85D75



DB6C47



BB8024

Triad

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



DB6C47



00A270



5A89EE

Complementary

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



DB6C47



47B6DB

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.



0099ED



DB6C47



00A4A4

Square

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



DB6C47



559D40



00A1D2



AE74D4

Rectangle

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



DB6C47



9F8C1B



00A1D2



1B8FF0

Sweetspot

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



DB6C47



FFD9CC



DB47B6



806961



000000



808080

Same Dimension

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



DB6C47



FF6430



DBB647



6E6563



AD2B00



2E0B00

Inverse Universe

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



47B6DB



30CBFF



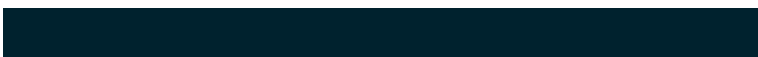
476CDB



636B6E



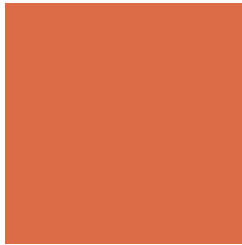
0082AD



00222E

Previews

White Background



This preview shows how the Hex color DB6C47 looks on a white background.

Color Contrast Check

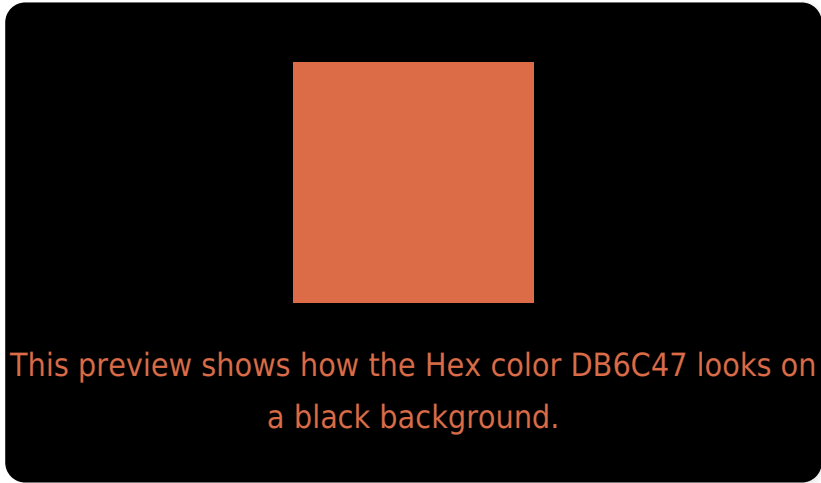
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6C47 Background



This preview shows how black text looks on a background with the Hex color DB6C47.



This preview shows how white text looks on a background with the Hex color DB6C47.

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
DB6C47

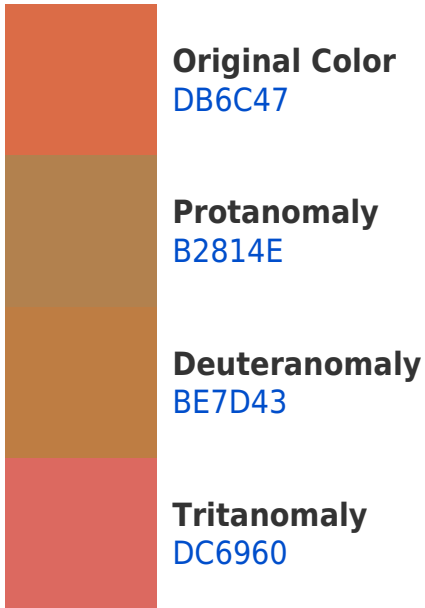
Protanopia
9A8D52

Deuteranopia
AE8641



Tritanopia
DD676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB6C47 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 #DB6C47 looks like.

```
.text, #text, p{  
    color:#DB6C47  
}
```

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 #DB6C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6C47  
}
```

Border

The CSS property to change the border of an element to Hex DB6C47 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  
#DB6C47 }
```

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

```
.border{ border-color:#DB6C47 }
```

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

Here you see how a box with a 4 pixel #DB6C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6C47; -webkit-box-shadow:4px 4px  
4px 4px #DB6C47; box-shadow:4px 4px 4px  
4px #DB6C47 }
```

Background

The CSS property to change the background color of an element to Hex DB6C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6C47 }
```

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

```
.background{ background-color:#DB6C47 }
```

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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