

# Converting Colors

Hex(DB6E4D)

Have a look what the booklet for  
Hex(DB6E4D) contains.

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# Color

**Hex(DB6E4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB6E4D
RGB	219, 110, 77
RGB Percent	86%, 43%, 30%
CMY	0.1412, 0.5686, 0.6980
CMYK	0.00, 0.50, 0.65, 0.14
HSL	14°, 66%, 58%
HSV	14°, 65%, 86%
XYZ	36.1289, 26.7478, 10.2798
YIQ	138.8290, 75.5570, 12.8450

# Conversions

## Conversions Part 2

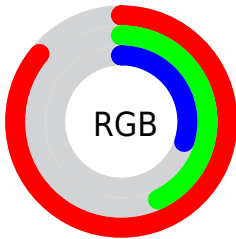
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 120, 77
Decimal	14380621
CIE Lab	58.74, 40.04, 37.79
CIE LCh	59, 55.059, 43.347
Yxy	26.7478, 0.4939, 0.3656
Android (android.graphics.Color)	4292570701 (0xFFDB6E4D)
YUV	138.8290, -30.4817, 70.3100
Hunter-Lab	51.7182, 34.1882, 24.4179

# Details

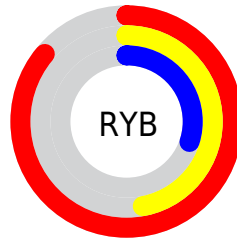
The Hex color **DB6E4D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4DBADB**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA47F**, and **9E3B1F** is the 20% darker color. If you saturate the color by 10%, you get **DB5D37**, and if you desaturate by 10%, it is **DB7F63**.

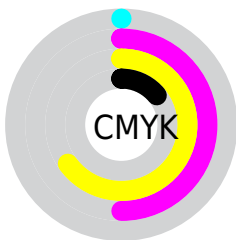
# Distribution



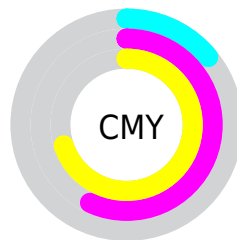
- Red (86%)
- Green (43%)
- Blue (30%)



- Red (86%)
- Yellow (47%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (65%)
- Black (14%)



- Cyan (14%)
- Magenta (57%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB6E4D 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 DB6E4D by changing the saturation by 10% instead.



 DB6E4D

 DB6E4D

FFFFFF

 BD5435

 FFA47F

 9E3B1F

 FFBF99

 812108

 FFDCB4

 640000

 FFF9D0

 470000

 FFFFEC

 2E0002

 000000

 DB6E4D

 DB6E4D

 DB5D37

 DB7F63

 DB4C21

 DB9079

 DB3C0B

 DBA08F

 DB3300

 DBB1A5

 DBC2BA

 DBD3D0

 DBE4E6

 DBF4FC

 DBFFFF

# Harmonies

## Analogous

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



E6617A



DB6E4D



BD812C

# Triad

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



DB6E4D



00A370



5A8BEC

# Complementary

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



DB6E4D



4DBADB

# 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.



009AEA



DB6E4D



00A5A2

# Square

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



DB6E4D



5C9D43



00A2CF



AC77D4

# Rectangle

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



DB6E4D



A28D24



00A2CF



2291EE

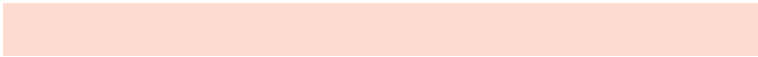


# Sweetspot

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



DB6E4D



FFDACF



DB4DBC



806962



000000



808080



# Same Dimension

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



DB6E4D



FF6638



DBB34D



6E6563



AD2800



2E0B00



# Inverse Universe

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



4DBADB



38D1FF



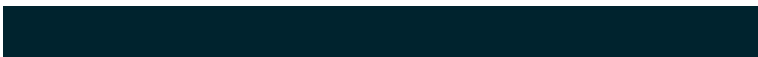
4D75DB



636B6E



0085AD

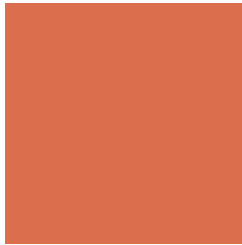


00232E



# Previews

## White Background



This preview shows how the Hex color DB6E4D looks on a white background.

## Color Contrast Check

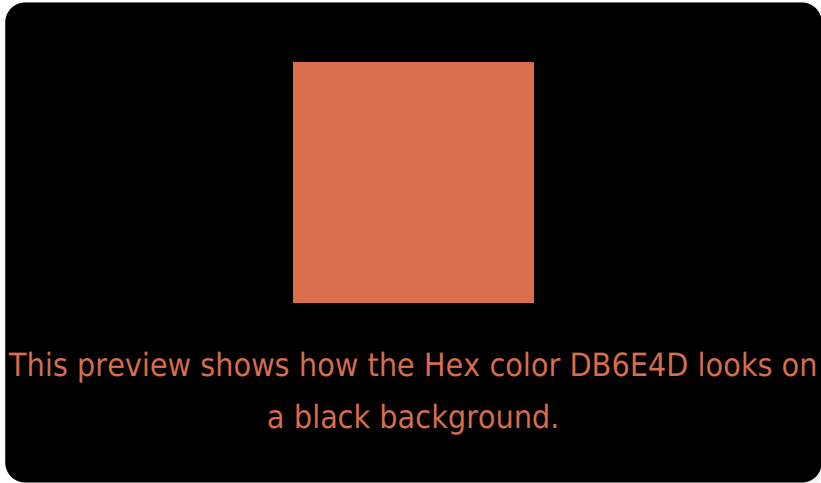
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6E4D Background



This preview shows how black text looks on a background with the Hex color DB6E4D.



This preview shows how white text looks on a background with the Hex color DB6E4D.

# 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**  
DB6E4D

**Protanopia**  
9B8E58

**Deuteranopia**  
AE8748



**Tritanopia**  
DD6971

# Trichromacy



**Original Color**  
DB6E4D

**Protanomaly**  
B28254

**Deuteranomaly**  
BE7E4A

**Tritanomaly**  
DC6B64

# Monochromacy



**Original Color**  
DB6E4D

**Achromatopsia**  
8B8B8B

**Achromatomaly**  
A88074

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB6E4D 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 #DB6E4D looks like.

```
.text, #text, p{  
    color:#DB6E4D  
}
```

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 #DB6E4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6E4D
}
```

## Border

The CSS property to change the border of an element to Hex DB6E4D 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
#DB6E4D }
```

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

```
.border{ border-color:#DB6E4D }
```

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

Here you see how a box with a 4 pixel #DB6E4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6E4D; -webkit-box-shadow:4px 4px  
4px 4px #DB6E4D; box-shadow:4px 4px 4px  
4px #DB6E4D }
```

# Background

The CSS property to change the background color of an element to Hex DB6E4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6E4D }
```

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

```
.background{ background-color:#DB6E4D }
```

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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