

# Converting Colors

Hex(DB6F65)

Have a look what the booklet for  
Hex(DB6F65) contains.

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# Color

**Hex(DB6F65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB6F65
RGB	219, 111, 101
RGB Percent	86%, 44%, 40%
CMY	0.1412, 0.5647, 0.6039
CMYK	0.00, 0.49, 0.54, 0.14
HSL	5°, 62%, 63%
HSV	5°, 54%, 86%
XYZ	37.2468, 27.3685, 15.6315
YIQ	142.1520, 67.5780, 19.7860

# Conversions

## Conversions Part 2

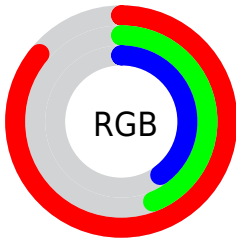
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 112, 101
Decimal	14380901
CIE <sub>Lab</sub>	59.31, 41.26, 25.13
CIE <sub>LCh</sub>	59, 48.313, 31.340
Yxy	27.3685, 0.4642, 0.3411
Android (android.graphics.Color)	4292570981 (0xFFDB6F65)
YUV	142.1520, -20.2879, 67.3957
Hunter-Lab	52.3149, 35.5360, 18.9049

# Details

The Hex color **DB6F65** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65D1DB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA598**, and **9F3B36** is the 20% darker color. If you saturate the color by 10%, you get **DB5B4F**, and if you desaturate by 10%, it is **DB837B**.

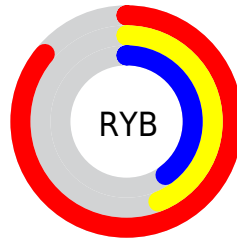
# Distribution



Red (86%)

Green (44%)

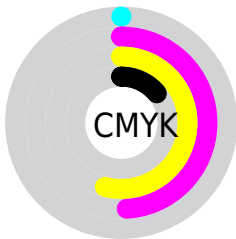
Blue (40%)



Red (86%)

Yellow (44%)

Blue (40%)

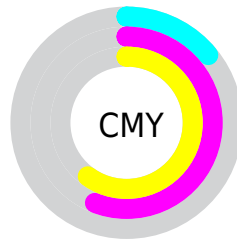


Cyan (0%)

Magenta (49%)

Yellow (54%)

Black (14%)



Cyan (14%)

Magenta (56%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB6F65 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 DB6F65 by changing the saturation by 10% instead.



 DB6F65

 DB6F65

FFFFFF

 BD554D

 FFA598

 9F3B36

 FFC1B3

 822121

 FFDDCE

 66000B

 FFFAEB

 4A0000

 310002

 000000

 DB6F65

 DB6F65

 DB5B4F

 DB837B

 DB4739

 DB9791

 DB3323

 DBABA7

 DB1F0D

 DBBFBD

 DB1300

 DBD3D3

 DBE7E8

 DBFBFE

 DBFFFF

# Harmonies

## Analogous

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



DC6A8F



DB6F65



C77E44

# Triad

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



DB6F65



40A164



3D93E4

# Complementary

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



DB6F65



65D1DB

# 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.



009ED9



DB6F65



00A48F

# Square

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



DB6F65



7A9943



00A3BA



9383D7

# Rectangle

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



DB6F65



B28838



00A3BA



0097E2



# Sweetspot

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



DB6F65



FFDAD6



DB65D1



806967



000000



808080



# Same Dimension

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



DB6F65



FF6759



DBAA65



6E6463



AD0F00



2E0400



# Inverse Universe

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



65D1DB



59F1FF



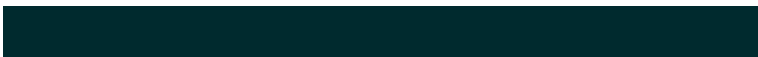
6596DB



636D6E



009FAD



002A2E



# Previews

## White Background



This preview shows how the Hex color DB6F65 looks on a white background.

## Color Contrast Check

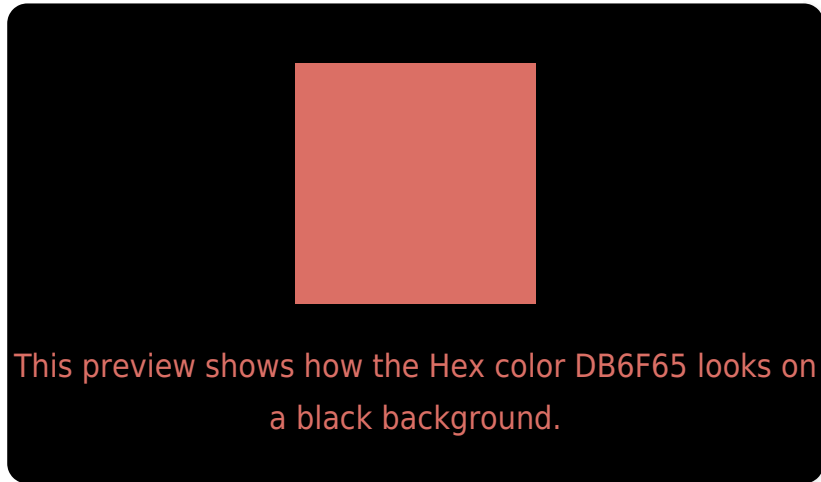
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6F65 Background



This preview shows how black text looks on a background with the Hex color DB6F65.



This preview shows how white text looks on a background with the Hex color DB6F65.

# Color Blindness Simulation

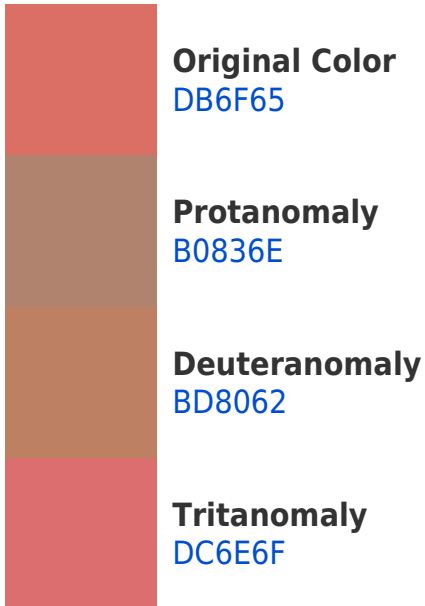
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

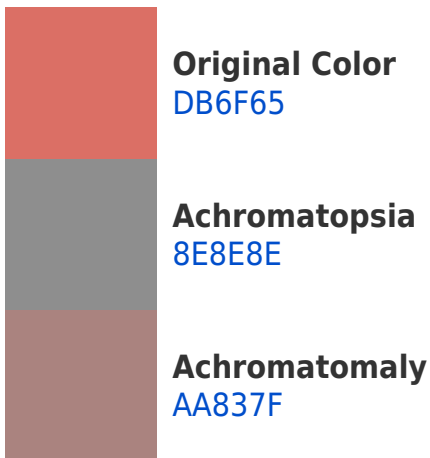




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB6F65 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 #DB6F65 looks like.

```
.text, #text, p{  
    color:#DB6F65  
}
```

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 #DB6F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6F65
}
```

## Border

The CSS property to change the border of an element to Hex DB6F65 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
#DB6F65 }
```

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

```
.border{ border-color:#DB6F65 }
```

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

Here you see how a box with a 4 pixel #DB6F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6F65; -webkit-box-shadow:4px 4px  
4px 4px #DB6F65; box-shadow:4px 4px 4px  
4px #DB6F65 }
```

# Background

The CSS property to change the background color of an element to Hex DB6F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6F65 }
```

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

```
.background{ background-color:#DB6F65 }
```

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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