

# Converting Colors

Hex(DB8C4B)

Have a look what the booklet for  
Hex(DB8C4B) contains.

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# **Color**

**Hex(DB8C4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB8C4B
RGB	219, 140, 75
RGB Percent	86%, 55%, 29%
CMY	0.1412, 0.4510, 0.7059
CMYK	0.00, 0.36, 0.66, 0.14
HSL	27°, 67%, 58%
HSV	27°, 66%, 86%
XYZ	39.8615, 34.3242, 11.1809
YIQ	156.2110, 67.9490, -3.4670

# Conversions

## Conversions Part 2

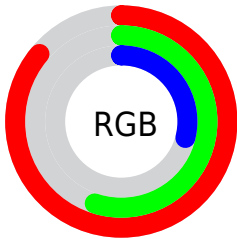
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 193, 75
Decimal	14388299
CIE Lab	65.22, 24.18, 46.38
CIE LCh	65, 52.301, 62.464
Yxy	34.3242, 0.4669, 0.4021
Android (android.graphics.Color)	4292578379 (0xFFDB8C4B)
YUV	156.2110, -40.0370, 55.0660
Hunter-Lab	58.5869, 18.9212, 29.6957

# Details

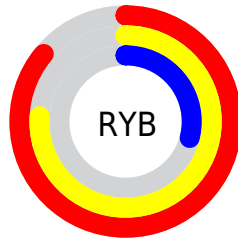
The Hex color **DB8C4B** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4B9ADB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFC27E**, and **9F5919** is the 20% darker color. If you saturate the color by 10%, you get **DB8035**, and if you desaturate by 10%, it is **DB9861**.

# Distribution



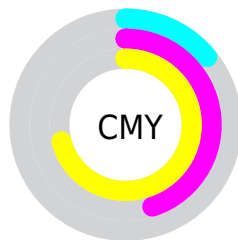
- Red (86%)
- Green (55%)
- Blue (29%)



- Red (86%)
- Yellow (76%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (66%)
- Black (14%)



- Cyan (14%)
- Magenta (45%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB8C4B 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 DB8C4B by changing the saturation by 10% instead.



 DB8C4B

 DB8C4B

FFFFFF

 BD7232

 FFC27E

 9F5919

 FFDE99

 824100

 FFFBB4

 662A00

 FFFF00

 4A1400

 FFFFEC

 300000

 090000

 000000

 DB8C4B

 DB8C4B

 DB8035

 DB9861

 DB741F

 DBA477

 DB6809

 DBB08D

 DB6300

 DBBCA3

 DBC8B8

 DBD4CE

 DBE0E4

 DBECFA

 DBF8FF

# Harmonies

## Analogous

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



F27C6F



DB8C4B



B59D3C

# Triad

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



DB8C4B



00B6A1



A690EE

# Complementary

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



DB8C4B



4B9ADB

# 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.



4AA2FC



DB8C4B



00B5CF

# Square

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



DB8C4B



44B271



00AEF1



DB7ECA

# Rectangle

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



DB8C4B



96A643



00AEF1



8D97F5



# Sweetspot

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



DB8C4B



FFE3CC



DB4B9A



806F61



000000



808080



# Same Dimension

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



DB8C4B



FF9036



DBD44B



6E6863



AD4E00



2E1500



# Inverse Universe

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



4B9ADB



36A4FF



4B52DB



63696E



005FAD



00192E



# Previews

## White Background



This preview shows how the Hex color DB8C4B looks on a white background.

## Color Contrast Check

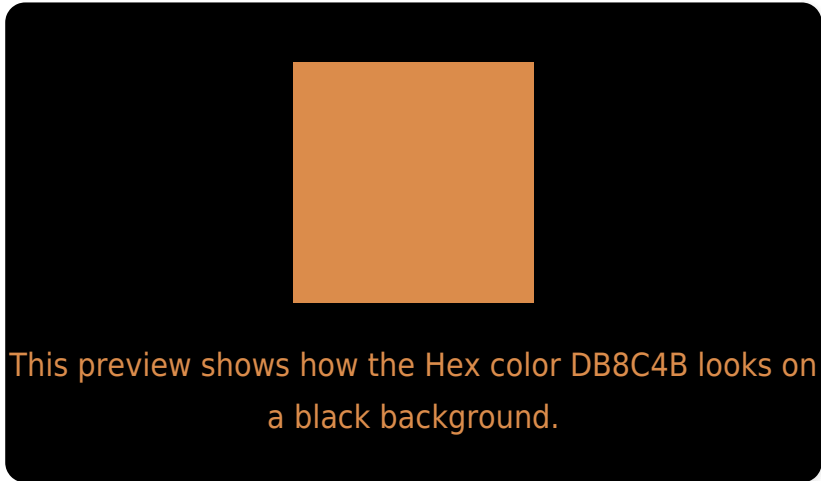
Large Text (above 18pt) WCAG AA × Fail

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

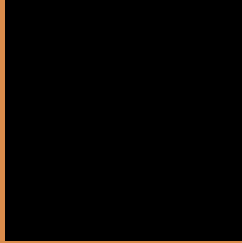
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DB8C4B Background



This preview shows how black text looks on a background with the Hex color DB8C4B.



This preview shows how white text looks on a background with the Hex color DB8C4B.

# 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**  
DB8C4B

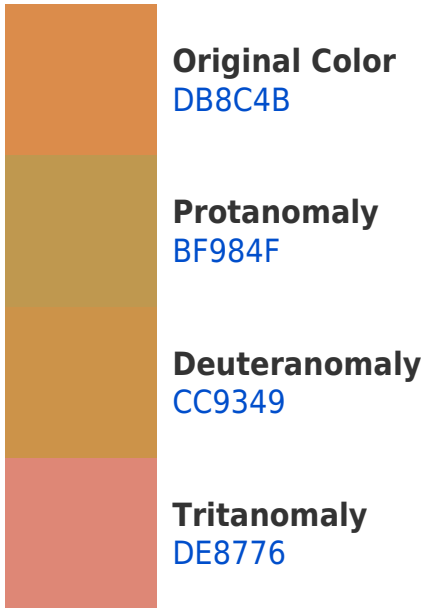
**Protanopia**  
AF9F51

**Deuteranopia**  
C49748



**Tritanopia**  
DF848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB8C4B 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 #DB8C4B looks like.

```
.text, #text, p{  
    color:#DB8C4B  
}
```

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 #DB8C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB8C4B
}
```

## Border

The CSS property to change the border of an element to Hex DB8C4B 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
#DB8C4B }
```

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

```
.border{ border-color:#DB8C4B }
```

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

Here you see how a box with a 4 pixel #DB8C4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB8C4B; -webkit-box-shadow:4px 4px  
4px 4px #DB8C4B; box-shadow:4px 4px 4px  
4px #DB8C4B }
```

# Background

The CSS property to change the background color of an element to Hex DB8C4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB8C4B }
```

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

```
.background{ background-color:#DB8C4B }
```

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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