

Converting Colors

Hex(DB8D40)

Have a look what the booklet for
Hex(DB8D40) contains.

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Color

Hex(DB8D40)

Conversions

Conversions Part 1

Format	Color
Hex	DB8D40
RGB	219, 141, 64
RGB Percent	86%, 55%, 25%
CMY	0.1412, 0.4471, 0.7490
CMYK	0.00, 0.36, 0.71, 0.14
HSL	30°, 68%, 55%
HSV	30°, 71%, 86%
XYZ	39.6637, 34.4800, 9.4153
YIQ	155.5440, 71.2050, -7.4110

Conversions

Conversions Part 2

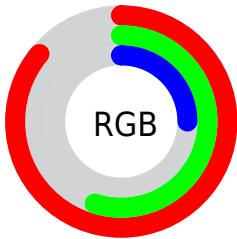
Format	Color
RYB	219, 217, 64
Decimal	14388544
CIELab	65.34, 23.03, 51.80
CIELCh	65, 56.692, 66.031
Yxy	34.4800, 0.4747, 0.4126
Android (android.graphics.Color)	4292578624 (0xFFDB8D40)
YUV	155.5440, -45.1312, 55.6509
Hunter-Lab	58.7197, 17.8130, 31.5970

Details

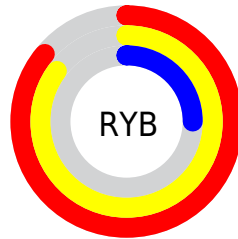
The Hex color **DB8D40** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **408EDB**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC373**, and **9F5A08** is the 20% darker color. If you saturate the color by 10%, you get **DB822A**, and if you desaturate by 10%, it is **DB9856**.

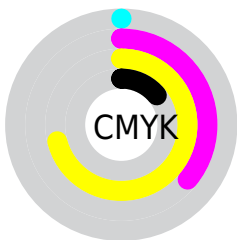
Distribution



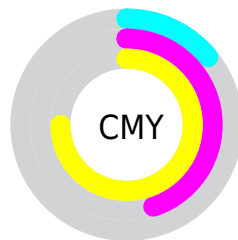
- Red (86%)
- Green (55%)
- Blue (25%)



- Red (86%)
- Yellow (85%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (71%)
- Black (14%)



- Cyan (14%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB8D40 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 DB8D40 by changing the saturation by 10% instead.

 DB8D40

 DB8D40

FFFFFF

 BD7326

 FFC373

 9F5A08

 FFDF8E

 824300

 FFFCA9

 652C00

 FFFFC5

 491600

 FFFFEE

 2F0000

FFFFFFE

 080000

 000000

 DB8D40

 DB8D40

 DB822A

 DB9856

 DB7714

 DBA36C

 DB6D00

 DBAE82

 DBB998

 DBC4AD

 DBCFC3

 DBDAD9

 DBE5EF

 DBF0FF

Harmonies

Analogous

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



F67A66



DB8D40



B19F32

Triad

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



DB8D40



00B8A8



AF8DF1

Complementary

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



DB8D40



408EDB

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.



4BA1FF



DB8D40



00B6D9

Square

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



DB8D40



25B573



00AFFB



E579C9

Rectangle

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



DB8D40



8FA93D



00AFFB



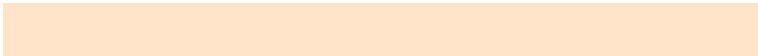
9594FA

Sweetspot

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



DB8D40



FFE4C9



DB4090



806F60



000000



808080

Same Dimension

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



DB8D40



FF9226



DBD840



6E6863



AD5600



2E1700

Inverse Universe

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



408EDB



2693FF



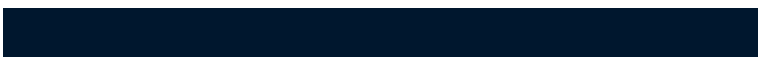
4043DB



63686E



0057AD



00172E

Previews

White Background



This preview shows how the Hex color DB8D40 looks on a white background.

Color Contrast Check

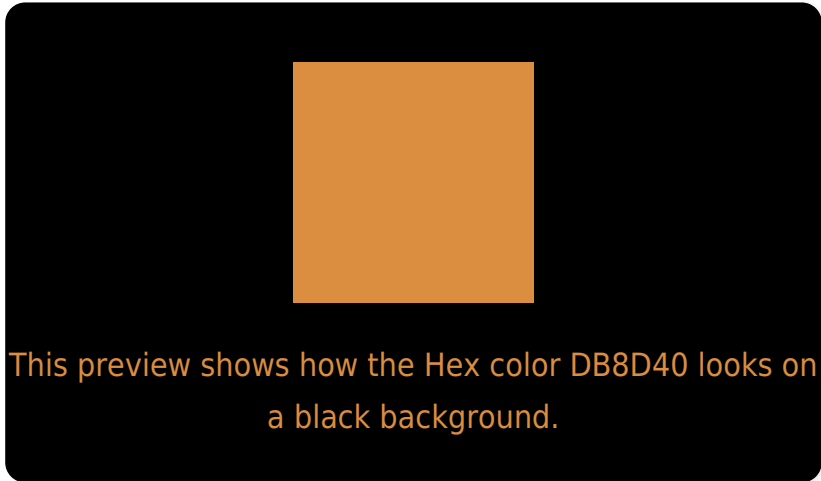
Large Text (above 18pt) WCAG AA × Fail

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

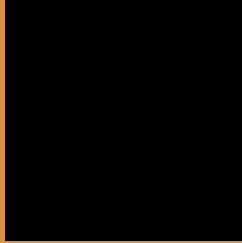
Any Text WCAG AA ✓ Pass

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 DB8D40 Background



This preview shows how black text looks on a background with the Hex color DB8D40.



This preview shows how white text looks on a background with the Hex color DB8D40.

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
DB8D40

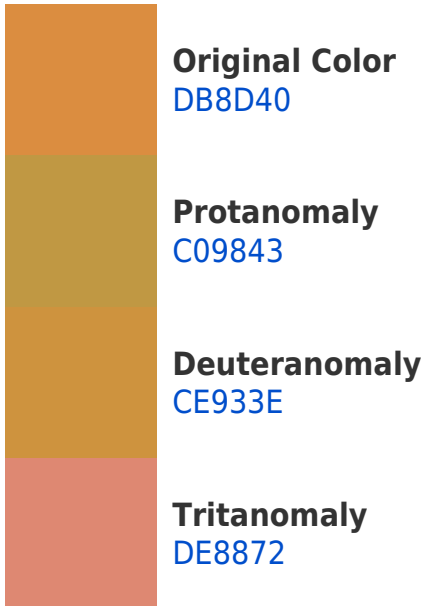
Protanopia
B19F45

Deuteranopia
C6973D

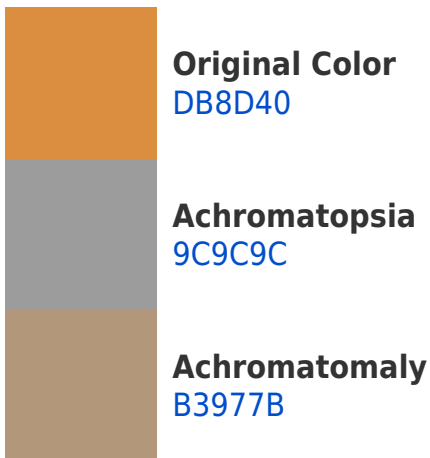


Tritanopia
E0858E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB8D40 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 #DB8D40 looks like.

```
.text, #text, p{  
    color:#DB8D40  
}
```

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 #DB8D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB8D40
}
```

Border

The CSS property to change the border of an element to Hex DB8D40 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
#DB8D40 }
```

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

```
.border{ border-color:#DB8D40 }
```

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

Here you see how a box with a 4 pixel #DB8D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB8D40; -webkit-box-shadow:4px 4px  
4px 4px #DB8D40; box-shadow:4px 4px 4px  
4px #DB8D40 }
```

Background

The CSS property to change the background color of an element to Hex DB8D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB8D40 }
```

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

```
.background{ background-color:#DB8D40 }
```

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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