

Converting Colors

Hex(DB7349)

Have a look what the booklet for
Hex(DB7349) contains.

Hex(DB7349)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DB7349)

Conversions

Conversions Part 1

Format	Color
Hex	DB7349
RGB	219, 115, 73
RGB Percent	86%, 45%, 29%
CMY	0.1412, 0.5490, 0.7137
CMYK	0.00, 0.47, 0.67, 0.14
HSL	17°, 67%, 57%
HSV	17°, 67%, 86%
XYZ	36.5467, 27.8026, 9.7435
YIQ	141.3080, 75.4660, 8.9860

Conversions

Conversions Part 2

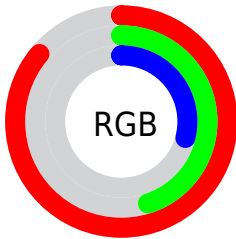
Format	Color
R_{YB}	219, 132, 73
Decimal	14381897
CIE _{Lab}	59.71, 37.25, 41.08
CIE _{LCh}	60, 55.452, 47.798
Yxy	27.8026, 0.4933, 0.3752
Android (android.graphics.Color)	4292571977 (0xFFDB7349)
YUV	141.3080, -33.6758, 68.1359
Hunter-Lab	52.7281, 31.4470, 25.9536

Details

The Hex color **DB7349** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **49B1DB**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA87B**, and **9F401A** is the 20% darker color. If you saturate the color by 10%, you get **DB6333**, and if you desaturate by 10%, it is **DB835F**.

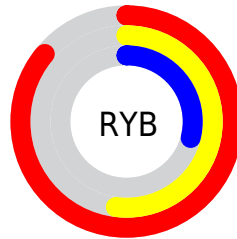
Distribution



Red (86%)

Green (45%)

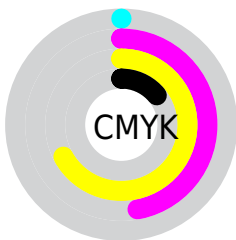
Blue (29%)



Red (86%)

Yellow (52%)

Blue (29%)

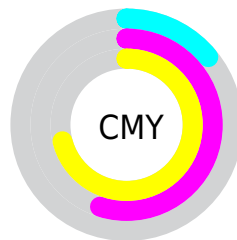


Cyan (0%)

Magenta (47%)

Yellow (67%)

Black (14%)



Cyan (14%)

Magenta (55%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7349 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 DB7349 by changing the saturation by 10% instead.

 DB7349

 DB7349

FFFFFF

 BD5931

 FFA87B

 9F401A

 FFC495

 812702

 FFE1B0

 640B00

 FFFECC

 470000

 FFFF E8

 2F0002

 000000

 DB7349

 DB7349

 DB6333

 DB835F

 DB541D

 DB9275

 DB4407

 DBA28B

 DB3F00

 DBB1A1

 DBC1B7

 DBD1CC

 DBE0E2

 DBF0F8

 DBFFFF

Harmonies

Analogous

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



E96475



DB7349



BB862A

Triad

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



DB7349



00A67A



6C8BED

Complementary

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



DB7349



49B1DB

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.



009BEF



DB7349



00A7AC

Square

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



DB7349



54A14B



00A4D7



B776D2

Rectangle

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



DB7349



9E9126



00A4D7



4391F1

Sweetspot

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



DB7349



FFDBCC



DB49B2



806A61



000000



808080

Same Dimension

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



DB7349



FF6E33



DBBB49



6E6663



AD3200



2E0D00

Inverse Universe

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



49B1DB



33C4FF



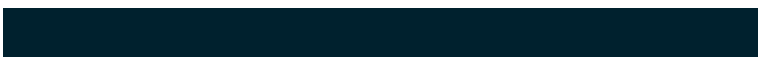
4969DB



636A6E



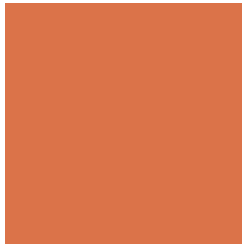
007CAD



00212E

Previews

White Background



This preview shows how the Hex color DB7349 looks on a white background.

Color Contrast Check

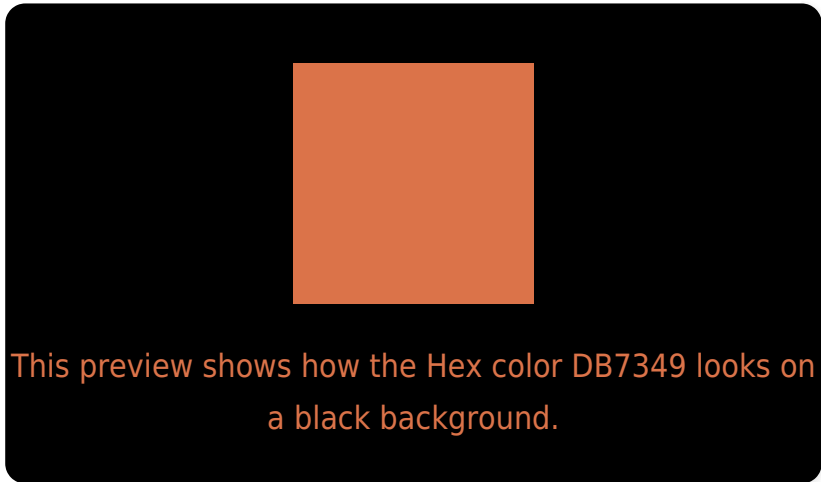
Large Text (above 18pt) WCAG AA ✓ Pass

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

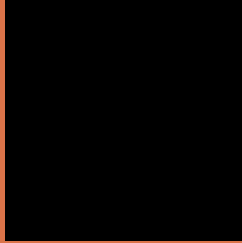
Any Text WCAG AA ✓ Pass

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 DB7349 Background



This preview shows how black text looks on a background with the Hex color DB7349.

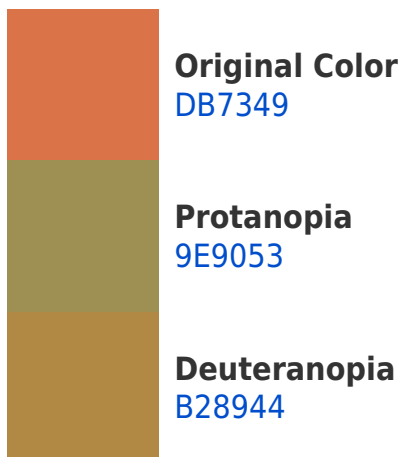


This preview shows how white text looks on a background with the Hex color DB7349.

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](#).

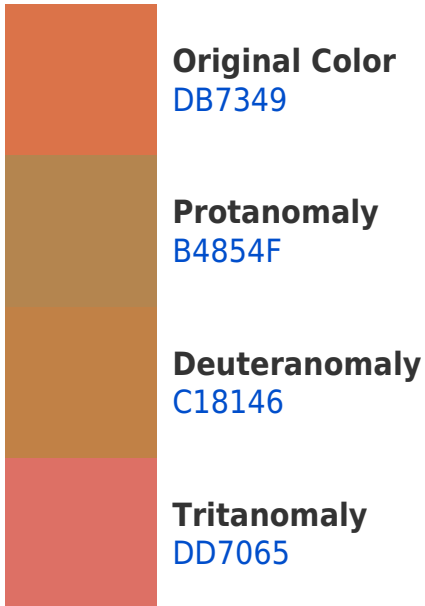
Dichromacy



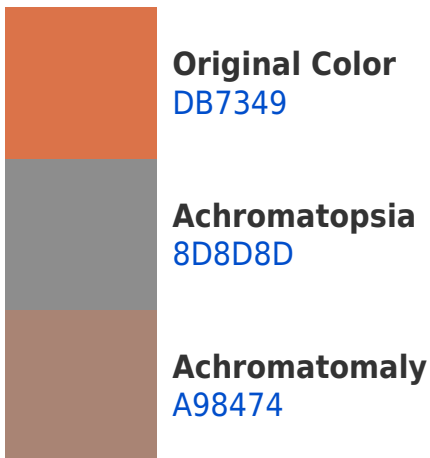


Tritanopia
DE6E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7349 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 #DB7349 looks like.

```
.text, #text, p{  
    color:#DB7349  
}
```

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 #DB7349 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7349
}
```

Border

The CSS property to change the border of an element to Hex DB7349 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
#DB7349 }
```

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

```
.border{ border-color:#DB7349 }
```

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

Here you see how a box with a 4 pixel #DB7349 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7349; -webkit-box-shadow:4px 4px  
4px 4px #DB7349; box-shadow:4px 4px 4px  
4px #DB7349 }
```

Background

The CSS property to change the background color of an element to Hex DB7349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7349 }
```

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

```
.background{ background-color:#DB7349 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor