

Converting Colors

Hex(DB7146)

Have a look what the booklet for
Hex(DB7146) contains.

Hex(DB7146)	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(DB7146)

Conversions

Conversions Part 1

Format	Color
Hex	DB7146
RGB	219, 113, 70
RGB Percent	86%, 44%, 27%
CMY	0.1412, 0.5569, 0.7255
CMYK	0.00, 0.48, 0.68, 0.14
HSL	17°, 67%, 57%
HSV	17°, 68%, 86%
XYZ	36.2240, 27.3125, 9.1570
YIQ	139.7920, 76.9790, 9.0990

Conversions

Conversions Part 2

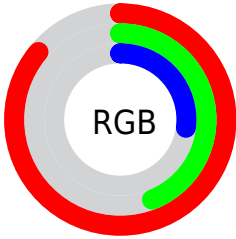
Format	Color
RYB	219, 130, 70
Decimal	14381382
CIELab	59.26, 38.11, 42.14
CIElCh	59, 56.812, 47.877
Yxy	27.3125, 0.4983, 0.3757
Android (android.graphics.Color)	4292571462 (0xFFDB7146)
YUV	139.7920, -34.4075, 69.4654
Hunter-Lab	52.2614, 32.2666, 26.1945

Details

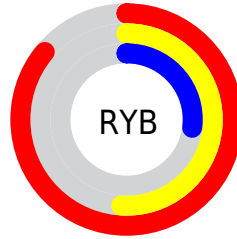
The Hex color **DB7146** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **46B0DB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA678**, and **9E3E17** is the 20% darker color. If you saturate the color by 10%, you get **DB6130**, and if you desaturate by 10%, it is **DB815C**.

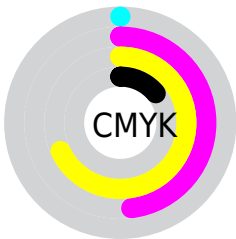
Distribution



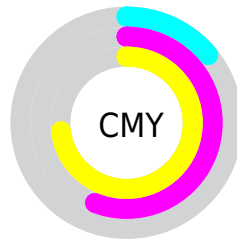
- Red (86%)
- Green (44%)
- Blue (27%)



- Red (86%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (14%)



- Cyan (14%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7146 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 DB7146 by changing the saturation by 10% instead.

 DB7146

 DB7146

FFFFFF

 BC572E

 FFA678

 9E3E17

 FFC292

 812500

 FFDFAD

 630700

 FFFBC8

 470000

 FFFFEE

 2E0002

 000000

 DB7146

 DB7146

 DB6130

 DB815C

 DB521A

 DB9072

 DB4204

 DBA088

 DB3F00

 DBAF9E

 DBBFB4

 DBCEC9

 DBDEDF

 DBEEF5

 DBFDFF

Harmonies

Analogous

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



EA6273



DB7146



BA8526

Triad

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



DB7146



00A578



6A8AEE

Complementary

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



DB7146



46B0DB

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.



009AF0



DB7146



00A7AC

Square

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



DB7146



51A048



00A3D8



B774D2

Rectangle

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



DB7146



9D9020



00A3D8



3D90F2

Sweetspot

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



DB7146



FFDBCC



DB46B1



806A61



000000



808080

Same Dimension

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



DB7146



FF6A2E



DBBB46



6E6663



AD3200



2E0D00

Inverse Universe

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



46B0DB



2EC3FF



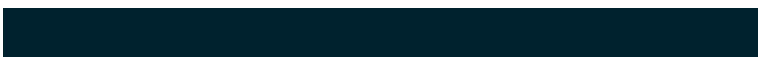
4666DB



636A6E



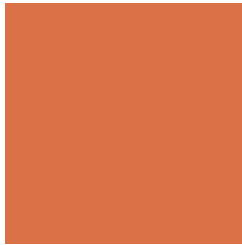
007BAD



00212E

Previews

White Background



This preview shows how the Hex color DB7146 looks on a white background.

Color Contrast Check

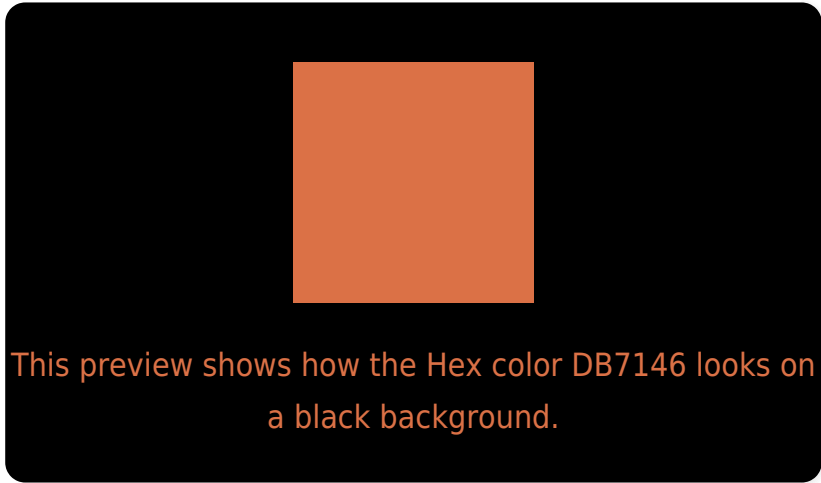
Large Text (above 18pt) WCAG AA ✓ Pass

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

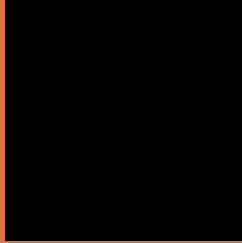
Any Text WCAG AA ✓ Pass

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 DB7146 Background



This preview shows how black text looks on a background with the Hex color DB7146.



This preview shows how white text looks on a background with the Hex color DB7146.

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
DB7146

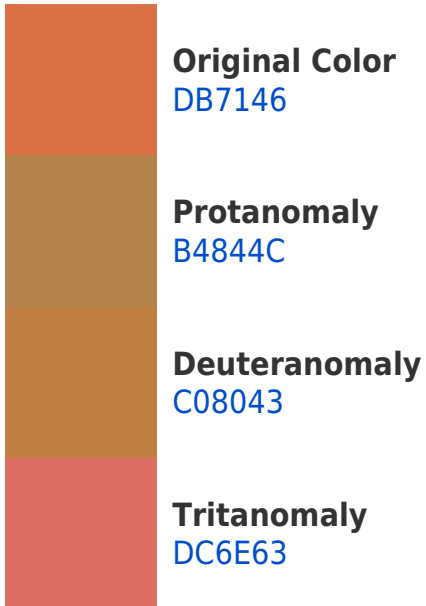
Protanopia
9D8F50

Deuteranopia
B18841



Tritanopia
DD6C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7146 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 #DB7146 looks like.

```
.text, #text, p{  
    color:#DB7146  
}
```

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 #DB7146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7146
}
```

Border

The CSS property to change the border of an element to Hex DB7146 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
#DB7146 }
```

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

```
.border{ border-color:#DB7146 }
```

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

Here you see how a box with a 4 pixel #DB7146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7146; -webkit-box-shadow:4px 4px  
4px 4px #DB7146; box-shadow:4px 4px 4px  
4px #DB7146 }
```

Background

The CSS property to change the background color of an element to Hex DB7146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7146 }
```

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

```
.background{ background-color:#DB7146 }
```

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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