

Converting Colors

Hex(DB7246)

Have a look what the booklet for
Hex(DB7246) contains.

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Color

Hex(DB7246)

Conversions

Conversions Part 1

Format	Color
Hex	DB7246
RGB	219, 114, 70
RGB Percent	86%, 45%, 27%
CMY	0.1412, 0.5529, 0.7255
CMYK	0.00, 0.48, 0.68, 0.14
HSL	18°, 67%, 57%
HSV	18°, 68%, 86%
XYZ	36.3362, 27.5369, 9.1944
YIQ	140.3790, 76.7040, 8.5760

Conversions

Conversions Part 2

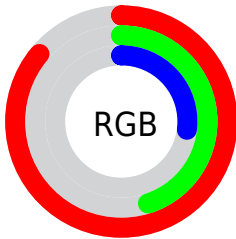
Format	Color
R_{YB}	219, 132, 70
Decimal	14381638
CIE _{Lab}	59.47, 37.59, 42.37
CIE _{LCh}	59, 56.646, 48.421
Yxy	27.5369, 0.4973, 0.3769
Android (android.graphics.Color)	4292571718 (0xFFDB7246)
YUV	140.3790, -34.6968, 68.9506
Hunter-Lab	52.4756, 31.7683, 26.3446

Details

The Hex color **DB7246** 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 **46AFDB**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA778**, and **9E3F17** is the 20% darker color. If you saturate the color by 10%, you get **DB6330**, and if you desaturate by 10%, it is **DB815C**.

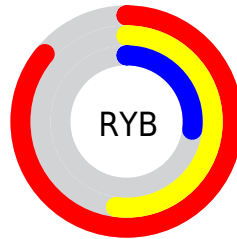
Distribution



Red (86%)

Green (45%)

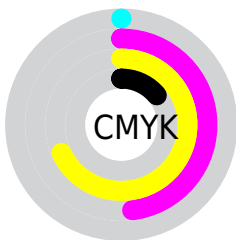
Blue (27%)



Red (86%)

Yellow (52%)

Blue (27%)

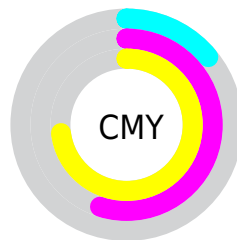


Cyan (0%)

Magenta (48%)

Yellow (68%)

Black (14%)



Cyan (14%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7246 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 DB7246 by changing the saturation by 10% instead.

 DB7246

 DB7246

FFFFFF

 BC582E

 FFA778

 9E3F17

 FFC392

 812600

 FFE0AD

 640900

 FFFCC9

 470000

 FFFF E5

 2F0002

 000000

 DB7246

 DB7246

 DB6330

 DB815C

 DB531A

 DB9172

 DB4404

 DBA088

 DB4100

 DBB09E

 DBBFB4

 DBCFC9

 DBDEDF

 DBEDF5

 DBFDFF

Harmonies

Analogous

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



EA6273



DB7246



BA8626

Triad

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



DB7246



00A67A



6C8AEE

Complementary

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



DB7246



46AFDB

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.



009AF1



DB7246



00A7AD

Square

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



DB7246



50A149



00A4D9



B875D2

Rectangle

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



DB7246



9C9122



00A4D9



4290F2

Sweetspot

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



DB7246



FFDBCC



DB46B1



806A61



000000



808080

Same Dimension

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



DB7246



FF6C2E



DBBB46



6E6663



AD3300



2E0E00

Inverse Universe

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



46AFDB



2EC1FF



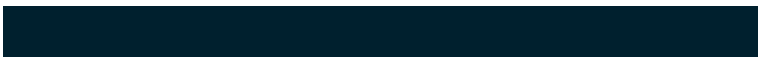
4666DB



636A6E



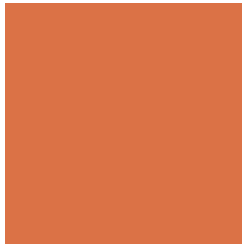
007AAD



00202E

Previews

White Background



This preview shows how the Hex color DB7246 looks on a white background.

Color Contrast Check

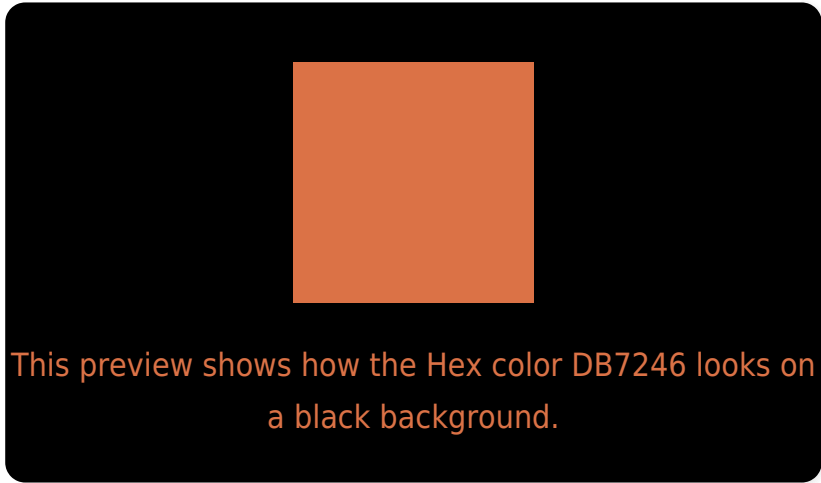
Large Text (above 18pt) WCAG AA ✓ Pass

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

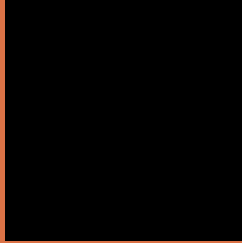
Any Text WCAG AA ✓ Pass

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 DB7246 Background



This preview shows how black text looks on a background with the Hex color DB7246.



This preview shows how white text looks on a background with the Hex color DB7246.

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
DB7246

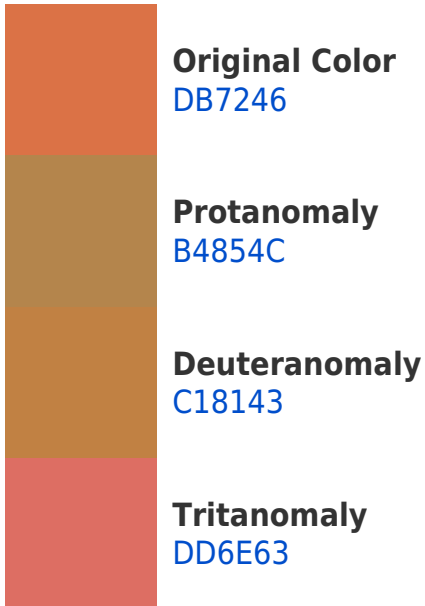
Protanopia
9E9050

Deuteranopia
B28941



Tritanopia
DE6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7246 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 #DB7246 looks like.

```
.text, #text, p{  
    color:#DB7246  
}
```

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 #DB7246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7246
}
```

Border

The CSS property to change the border of an element to Hex DB7246 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
#DB7246 }
```

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

```
.border{ border-color:#DB7246 }
```

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

Here you see how a box with a 4 pixel #DB7246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7246; -webkit-box-shadow:4px 4px  
4px 4px #DB7246; box-shadow:4px 4px 4px  
4px #DB7246 }
```

Background

The CSS property to change the background color of an element to Hex DB7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7246 }
```

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

```
.background{ background-color:#DB7246 }
```

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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