

Converting Colors

Hex(DB7436)

Have a look what the booklet for
Hex(DB7436) contains.

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Color

Hex(DB7436)

Conversions

Conversions Part 1

Format	Color
Hex	DB7436
RGB	219, 116, 54
RGB Percent	86%, 45%, 21%
CMY	0.1412, 0.5451, 0.7882
CMYK	0.00, 0.47, 0.75, 0.14
HSL	23°, 70%, 54%
HSV	23°, 75%, 86%
XYZ	36.1247, 27.8172, 6.9553
YIQ	139.7290, 81.2900, 2.5540

Conversions

Conversions Part 2

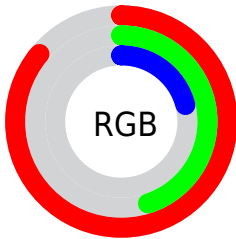
Format	Color
RYB	219, 153, 54
Decimal	14382134
CIELab	59.72, 35.79, 50.61
CIELCh	60, 61.983, 54.734
Yxy	27.8172, 0.5095, 0.3924
Android (android.graphics.Color)	4292572214 (0xFFDB7436)
YUV	139.7290, -42.2644, 69.5207
Hunter-Lab	52.7420, 29.9618, 29.1006

Details

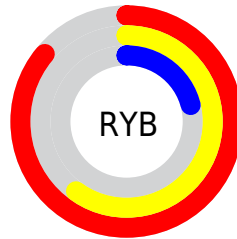
The Hex color **DB7436** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **369DDB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFA968**, and **9E4100** is the 20% darker color. If you saturate the color by 10%, you get **DB6620**, and if you desaturate by 10%, it is **DB824C**.

Distribution



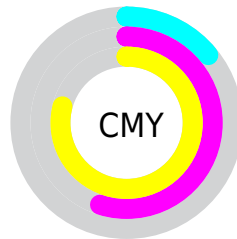
- Red (86%)
- Green (45%)
- Blue (21%)



- Red (86%)
- Yellow (60%)
- Blue (21%)



- Cyan (0%)
- Magenta (47%)
- Yellow (75%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7436 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 DB7436 by changing the saturation by 10% instead.

 DB7436

 DB7436

FFFFFF

 BC5A1D

 FFA968

 9E4100

 FFC582

 802900

 FFE19D

 630E00

 FFFEB8

 460000

 FFFFDD

 2E0002

 FFFFF1

 000000

 DB7436

 DB7436

 DB6620

 DB824C

 DB590A

 DB8F62

 DB5200

 DB9D78

 DBAB8E

 DBB8A4

 DBC6B9

 DBD4CF

 DBE1E5

 DBEFFB

Harmonies

Analogous

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



F15F66



DB7436



B38A11

Triad

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



DB7436



00A984



7E85F3

Complementary

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



DB7436



369DDB

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.



0099FD



DB7436



00A9BC

Square

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



DB7436



32A44D



00A5E8



C86DD0

Rectangle

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



DB7436



929613



00A5E8



558DFA

Sweetspot

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



DB7436



FFDAC4



DB369E



80695C



000000



808080

Same Dimension

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



DB7436



FF7019



DBC536



6E6763



AD4100



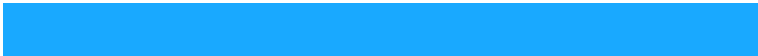
2E1100

Inverse Universe

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



369DDB



19A9FF



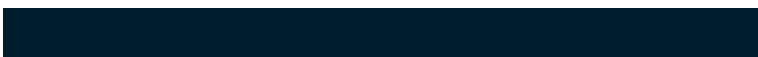
364CDB



636A6E



006CAD



001D2E

Previews

White Background



This preview shows how the Hex color DB7436 looks on a white background.

Color Contrast Check

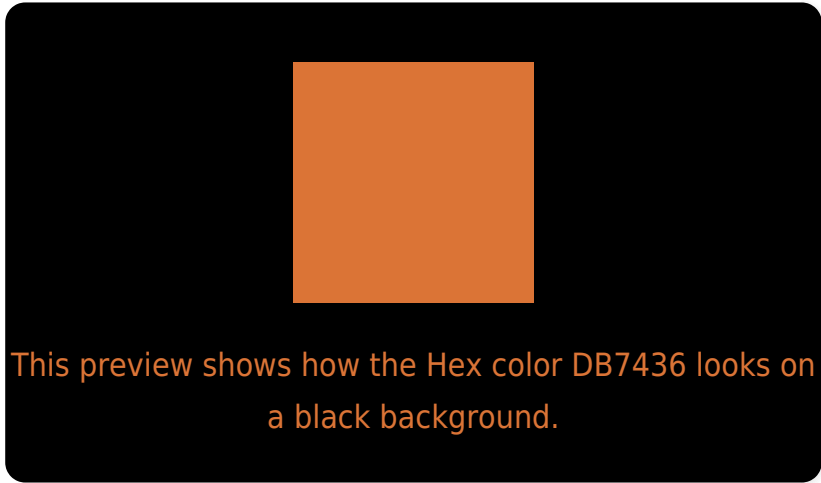
Large Text (above 18pt) WCAG AA ✓ Pass

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

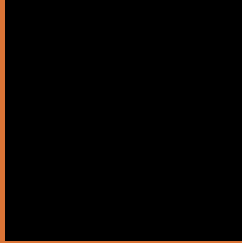
Any Text WCAG AA ✓ Pass

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 DB7436 Background



This preview shows how black text looks on a background with the Hex color DB7436.



This preview shows how white text looks on a background with the Hex color DB7436.

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
DB7436

Protanopia
A0913E

Deuteranopia
B58930



Tritanopia
DE6D75

Trichromacy



Original Color
DB7436

Protanomaly
B5863B

Deuteranomaly
C38132

Tritanomaly
DD705E

Monochromacy



Original Color
DB7436

Achromatopsia
8C8C8C

Achromatomaly
A9836D

CSS Examples

Text

The CSS property to change the color of the text to Hex DB7436 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 #DB7436 looks like.

```
.text, #text, p{  
    color:#DB7436  
}
```

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 #DB7436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7436
}
```

Border

The CSS property to change the border of an element to Hex DB7436 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
#DB7436 }
```

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

```
.border{ border-color:#DB7436 }
```

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

Here you see how a box with a 4 pixel #DB7436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7436; -webkit-box-shadow:4px 4px  
4px 4px #DB7436; box-shadow:4px 4px 4px  
4px #DB7436 }
```

Background

The CSS property to change the background color of an element to Hex DB7436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7436 }
```

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

```
.background{ background-color:#DB7436 }
```

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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