

Converting Colors

Hex(DB7424)

Have a look what the booklet for
Hex(DB7424) contains.

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Color

Hex(DB7424)

Conversions

Conversions Part 1

Format	Color
Hex	DB7424
RGB	219, 116, 36
RGB Percent	86%, 45%, 14%
CMY	0.1412, 0.5451, 0.8588
CMYK	0.00, 0.47, 0.84, 0.14
HSL	26°, 72%, 50%
HSV	26°, 84%, 86%
XYZ	35.7772, 27.6782, 5.1258
YIQ	137.6770, 87.0680, -3.0440

Conversions

Conversions Part 2

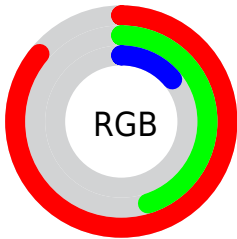
Format	Color
R_{YB}	219, 178, 36
Decimal	14382116
CIE _{Lab}	59.60, 35.17, 58.12
CIE _{LCh}	60, 67.935, 58.825
Yxy	27.6782, 0.5217, 0.4036
Android (android.graphics.Color)	4292572196 (0xFFDB7424)
YUV	137.6770, -50.1268, 71.3203
Hunter-Lab	52.6101, 29.3204, 31.0504

Details

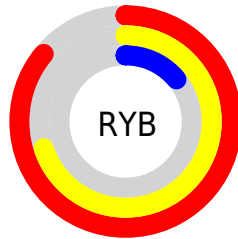
The Hex color **DB7424** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **248BDB**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA958**, and **9D4200** is the 20% darker color. If you saturate the color by 10%, you get **DB680E**, and if you desaturate by 10%, it is **DB803A**.

Distribution



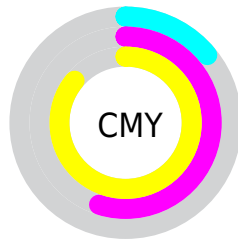
- Red (86%)
- Green (45%)
- Blue (14%)



- Red (86%)
- Yellow (70%)
- Blue (14%)



- Cyan (0%)
- Magenta (47%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB7424 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 DB7424 by changing the saturation by 10% instead.

 DB7424

 DB7424

FFFFFF

 BC5B02

 FFA958

 9D4200

 FFC573

 7F2900

 FFE18D

 620F00

 FFFEA9

 450000

 FFFFC4

 2D0001

 FFFF E1

 000000

FFFFFFE

 DB7424

 DB7424

 DB680E

 DB803A

 DB6000

 DB8D50

 DB9966

 DBA57C

 DBB292

 DBBEA7

 DBCABD

 DBD7D3

 DBE3E9

Harmonies

Analogous

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



F65A5A



DB7424



AE8C00

Triad

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



DB7424



00AB8B



8881F9

Complementary

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



DB7424



248BDB

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.



0097FF



DB7424



00AAC8

Square

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



DB7424



00A64E



00A5F5



D464CE

Rectangle

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



DB7424



889800



00A5F5



5D89FF

Sweetspot

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



DB7424



FFDBBF



DB248C



806A59



000000



808080

Same Dimension

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



DB7424



FF6F00



DBC24



6E6763



AD4C00



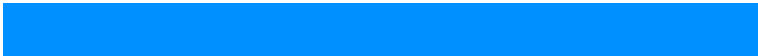
2E1400

Inverse Universe

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



248BDB



0090FF



2430DB



63696E



0062AD



001A2E

Previews

White Background



This preview shows how the Hex color DB7424 looks on a white background.

Color Contrast Check

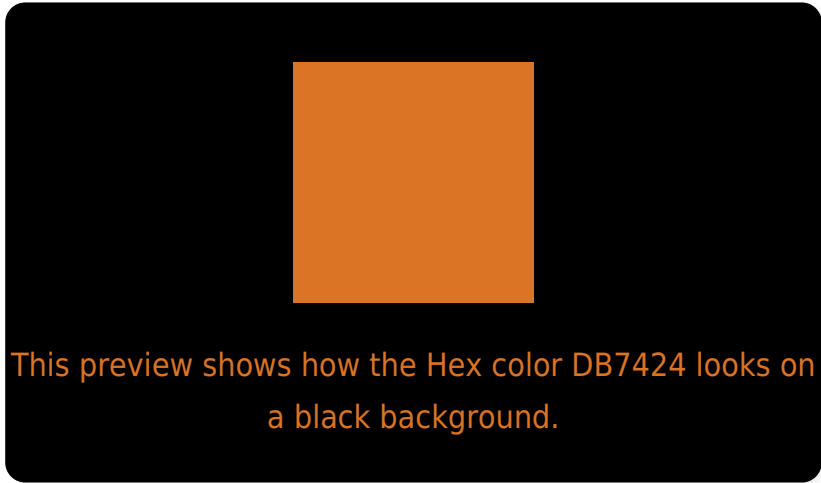
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB7424 Background



This preview shows how black text looks on a background with the Hex color DB7424.



This preview shows how white text looks on a background with the Hex color DB7424.

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
DB7424

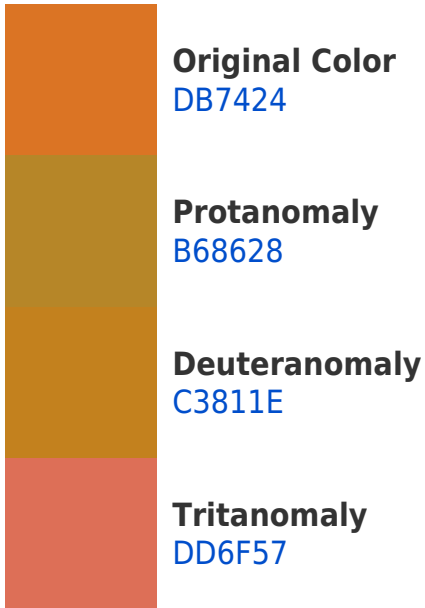
Protanopia
A1902B

Deuteranopia
B6891A

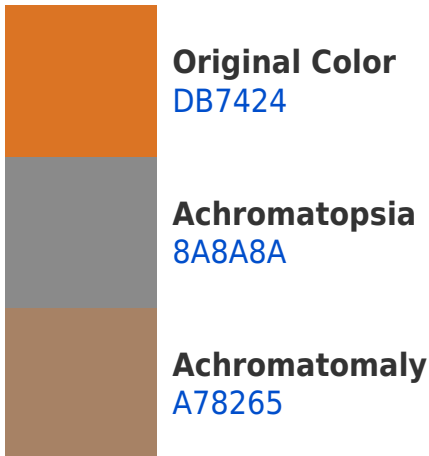


Tritanopia
DE6C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB7424 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 #DB7424 looks like.

```
.text, #text, p{  
    color:#DB7424  
}
```

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 #DB7424 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB7424
}
```

Border

The CSS property to change the border of an element to Hex DB7424 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
#DB7424 }
```

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

```
.border{ border-color:#DB7424 }
```

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

Here you see how a box with a 4 pixel #DB7424 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB7424; -webkit-box-shadow:4px 4px  
4px 4px #DB7424; box-shadow:4px 4px 4px  
4px #DB7424 }
```

Background

The CSS property to change the background color of an element to Hex DB7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB7424 }
```

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

```
.background{ background-color:#DB7424 }
```

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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