

Converting Colors

Hex(DB6A24)

Have a look what the booklet for
Hex(DB6A24) contains.

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Color

Hex(DB6A24)

Conversions

Conversions Part 1

Format	Color
Hex	DB6A24
RGB	219, 106, 36
RGB Percent	86%, 42%, 14%
CMY	0.1412, 0.5843, 0.8588
CMYK	0.00, 0.52, 0.84, 0.14
HSL	23°, 72%, 50%
HSV	23°, 84%, 86%
XYZ	34.6859, 25.4955, 4.7620
YIQ	131.8070, 89.8180, 2.1860

Conversions

Conversions Part 2

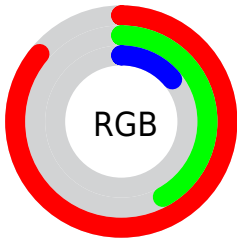
Format	Color
R _Y B	219, 149, 36
Decimal	14379556
CIE Lab	57.56, 40.26, 56.35
CIE LCh	58, 69.257, 54.458
Yxy	25.4955, 0.5341, 0.3926
Android (android.graphics.Color)	4292569636 (0xFFDB6A24)
YUV	131.8070, -47.2329, 76.4683
Hunter-Lab	50.4931, 34.2565, 29.7535

Details

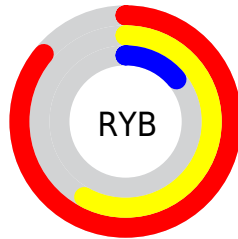
The Hex color **DB6A24** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2495DB**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF9F57**, and **9D3700** is the 20% darker color. If you saturate the color by 10%, you get **DB5C0E**, and if you desaturate by 10%, it is **DB783A**.

Distribution



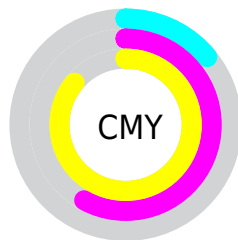
- Red (86%)
- Green (42%)
- Blue (14%)



- Red (86%)
- Yellow (58%)
- Blue (14%)



- Cyan (0%)
- Magenta (52%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB6A24 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 DB6A24 by changing the saturation by 10% instead.

 DB6A24

 DB6A24

FFFFFF

 BC5004

 FF9F57

 9D3700

 FFBB71

 7F1D00

 FFD78C

 610000

 FFF4A7

 440000

 FFFFC3

 2A0001

 FFFFDF

 000000

 FFFFFC

 DB6A24

 DB6A24

 DB5C0E

 DB783A

 DB5400

 DB8550

 DB9366

 DBA07C

 DBAE92

 DBBBA7

 DBC9BD

 DBD6D3

 DBE4E9

Harmonies

Analogous

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



F34F5C



DB6A24



AF8400

Triad

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



DB6A24



00A57D



707FF9

Complementary

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



DB6A24



2495DB

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.



0095FF



DB6A24



00A5BB

Square

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



DB6A24



02A03E



00A1EC



C862D1

Rectangle

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



DB6A24



8B9100



00A1EC



3487FF

Sweetspot

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



DB6A24



FFD8BF



DB2498



806859



000000



808080

Same Dimension

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



DB6A24



FF6200



DBC324



6E6763



AD4200



2E1200

Inverse Universe

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



2495DB



009DFF



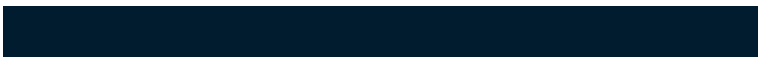
243CDB



63696E



006BAD



001C2E

Previews

White Background



This preview shows how the Hex color DB6A24 looks on a white background.

Color Contrast Check

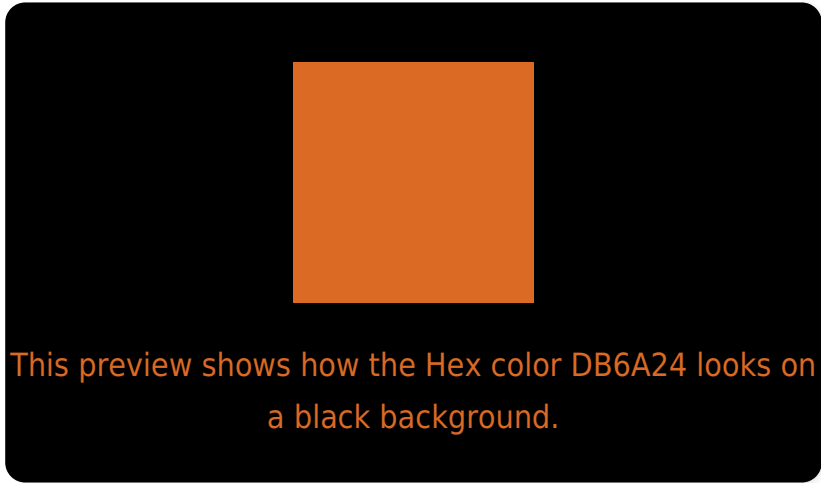
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB6A24 Background



This preview shows how black text looks on a background with the Hex color DB6A24.



This preview shows how white text looks on a background with the Hex color DB6A24.

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
DB6A24

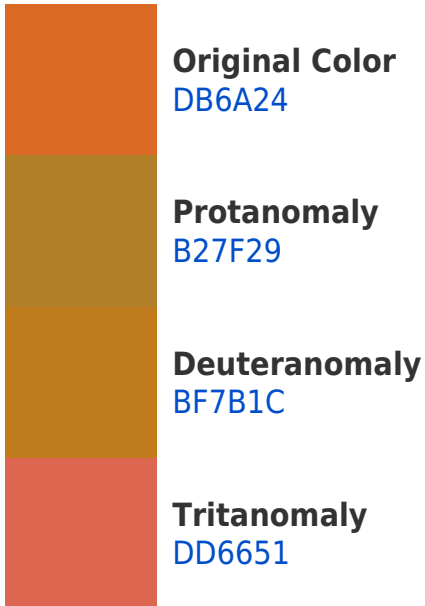
Protanopia
9B8B2C

Deuteranopia
AF8418

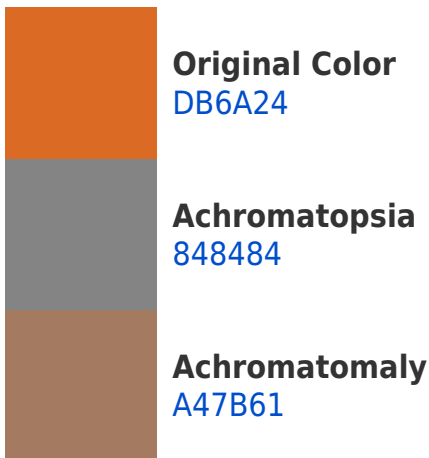


Tritanopia
DE636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB6A24 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 #DB6A24 looks like.

```
.text, #text, p{  
  color:#DB6A24  
}
```

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 #DB6A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB6A24
}
```

Border

The CSS property to change the border of an element to Hex DB6A24 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
#DB6A24 }
```

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

```
.border{ border-color:#DB6A24 }
```

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

Here you see how a box with a 4 pixel #DB6A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB6A24; -webkit-box-shadow:4px 4px  
4px 4px #DB6A24; box-shadow:4px 4px 4px  
4px #DB6A24 }
```

Background

The CSS property to change the background color of an element to Hex DB6A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB6A24 }
```

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

```
.background{ background-color:#DB6A24 }
```

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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