

Converting Colors

Hex(DB4400)

Have a look what the booklet for
Hex(DB4400) contains.

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Color

Hex(DB4400)

Conversions

Conversions Part 1

Format	Color
Hex	DB4400
RGB	219, 68, 0
RGB Percent	86%, 27%, 0%
CMY	0.1412, 0.7333, 1.0000
CMYK	0.00, 0.69, 1.00, 0.14
HSL	19°, 100%, 43%
HSV	19°, 100%, 86%
XYZ	31.2805, 19.1943, 2.0562
YIQ	105.3970, 111.8240, 10.8640

Conversions

Conversions Part 2

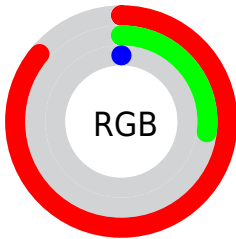
Format	Color
RYB	219, 99, 0
Decimal	14369792
CIELab	50.91, 56.79, 62.11
CIElCh	51, 84.157, 47.563
Yxy	19.1943, 0.5955, 0.3654
Android (android.graphics.Color)	4292559872 (0xFFDB4400)
YUV	105.3970, -51.9607, 99.6298
Hunter-Lab	43.8113, 50.7762, 27.8853

Details

The Hex color **DB4400** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0097DB**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF7C3C**, and **9B0000** is the 20% darker color. If you saturate the color by 10%, you get **DB4400**, and if you desaturate by 10%, it is **DB5316**.

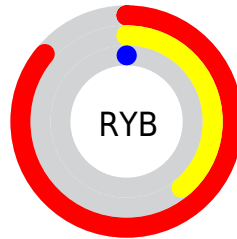
Distribution



Red (86%)

Green (27%)

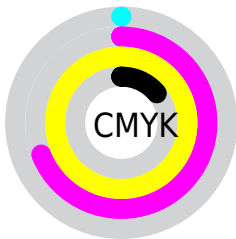
Blue (0%)



Red (86%)

Yellow (39%)

Blue (0%)

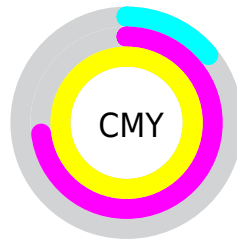


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4400 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 DB4400 by changing the saturation by 10% instead.

 DB4400

 DB4400

 FFFFFFFB

 BB2500

 FF7C3C

 9B0000

 FF9856

 7B0000

 FFB470

 5C0000

 FFD18A

 410002

 FFEEA6

 1F0001

 FFFFC2

 000000

 FFFFDE

 DB4400

 DB5316

 DB622C

 DB7142

 DB8058

 DB906E

 DB9F83

 DBAE99

 DBBDAF

 DBCCC5

Harmonies

Analogous

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



F20053



DB4400



AC6B00

Triad

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



DB4400



009558



0074FF

Complementary

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



DB4400



0097DB

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.



008BFF



DB4400



0097A3

Square

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



DB4400



008F00



0095E3



AD4CDC

Rectangle

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



DB4400



847C00



0095E3



007DFF

Sweetspot

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



DB4400



FFCAB3



DB0099



806052



000000



808080

Same Dimension

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



DB4400



FF4F00



DBAF00



6E6663



AD3600



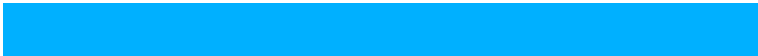
2E0E00

Inverse Universe

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



0097DB



00B0FF



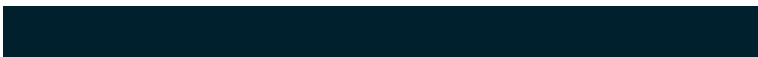
002CDB



636A6E



0078AD



00202E

Previews

White Background



This preview shows how the Hex color DB4400 looks on a white background.

Color Contrast Check

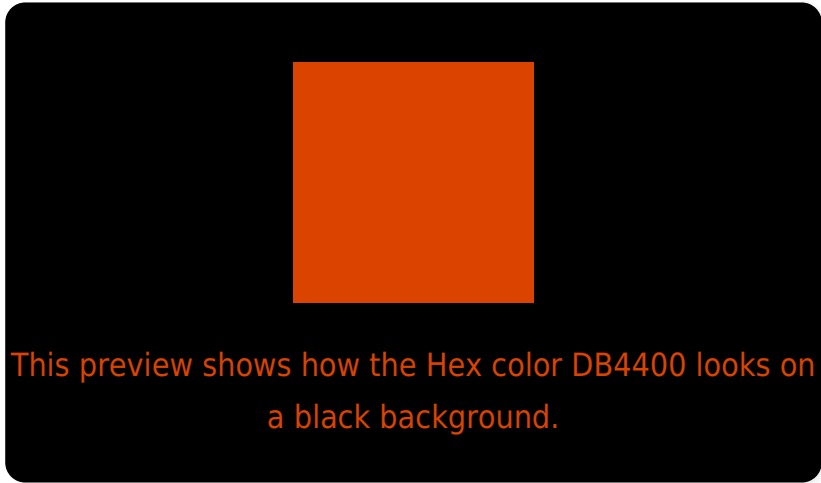
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4400 Background



This preview shows how black text looks on a background with the Hex color DB4400.



This preview shows how white text looks on a background with the Hex color DB4400.

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
DB4400

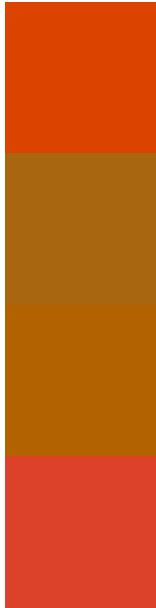
Protanopia
897A18

Deuteranopia
9A7400



Tritanopia
DC3F42

Trichromacy



Original Color
DB4400

Protanomaly
A7660F

Deuteranomaly
B26300

Tritanomaly
DC412A

Monochromacy



Original Color
DB4400

Achromatopsia
696969

Achromatomaly
925C43

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4400 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 #DB4400 looks like.

```
.text, #text, p{  
    color:#DB4400  
}
```

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 #DB4400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4400
}
```

Border

The CSS property to change the border of an element to Hex DB4400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

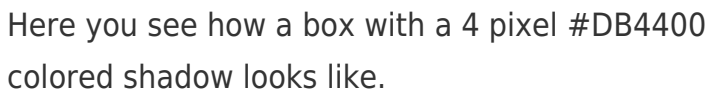
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB4400 }
```

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

```
.border{ border-color:#DB4400 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border and a thicker orange shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #DB4400 colored shadow looks like." data-bbox="137 528 770 584"/>

Here you see how a box with a 4 pixel #DB4400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4400; -webkit-box-shadow:4px 4px  
4px 4px #DB4400; box-shadow:4px 4px 4px  
4px #DB4400 }
```

Background

The CSS property to change the background color of an element to Hex DB4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4400 }
```

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

```
.background{ background-color:#DB4400 }
```

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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