

Converting Colors

Hex(DB4924)

Have a look what the booklet for
Hex(DB4924) contains.

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Color

Hex(DB4924)

Conversions

Conversions Part 1

Format	Color
Hex	DB4924
RGB	219, 73, 36
RGB Percent	86%, 29%, 14%
CMY	0.1412, 0.7137, 0.8588
CMYK	0.00, 0.67, 0.84, 0.14
HSL	12°, 72%, 50%
HSV	12°, 84%, 86%
XYZ	31.9144, 19.9525, 3.8382
YIQ	112.4360, 98.8930, 19.4450

Conversions

Conversions Part 2

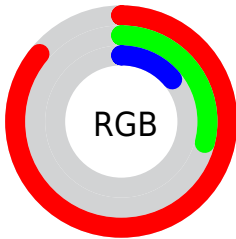
Format	Color
RYB	219, 82, 36
Decimal	14371108
CIELab	51.78, 55.35, 51.29
CIElCh	52, 75.465, 42.818
Yxy	19.9525, 0.5729, 0.3582
Android (android.graphics.Color)	4292561188 (0xFFDB4924)
YUV	112.4360, -37.6829, 93.4566
Hunter-Lab	44.6683, 49.3645, 26.1732

Details

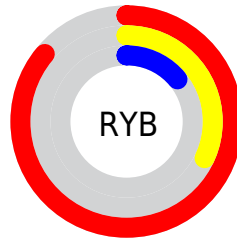
The Hex color **DB4924** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **24B6DB**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF8055**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DB380E**, and if you desaturate by 10%, it is **DB5A3A**.

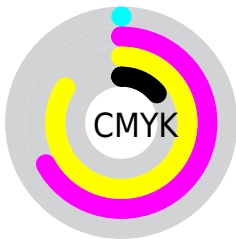
Distribution



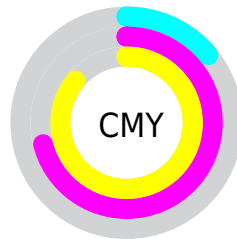
- Red (86%)
- Green (29%)
- Blue (14%)



- Red (86%)
- Yellow (32%)
- Blue (14%)



- Cyan (0%)
- Magenta (67%)
- Yellow (84%)
- Black (14%)



- Cyan (14%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4924 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 DB4924 by changing the saturation by 10% instead.

 DB4924

 DB4924

FFFFFF

 BB2B0A

 FF8055

 9C0000

 FF9C6E

 7C0000

 FFB988

 5E0000

 FFD5A3

 410002

 FFF3BE

 220001

 FFFFDA

 000000

 FFFFF7

 DB4924

 DB4924

 DB380E

 DB5A3A

 DB2C00

 DB6C50

 DB7D66

 DB8F7C

 DBA092

 DBB2A7

 DBC3BD

 DBD5D3

 DBE6E9

Harmonies

Analogous

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



EB2663



DB4924



B36B00

Triad

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



DB4924



009553



007AFB

Complementary

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



DB4924



24B6DB

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.



008DF8



DB4924



009796

Square

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



DB4924



298F00



0096D3



9F5BDB

Rectangle

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



DB4924



907B00



0096D3



0082FE

Sweetspot

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



DB4924



FFCCBF



DB24B6



806159



000000



808080

Same Dimension

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



DB4924



FF3400



DBA424



6E6563



AD2300



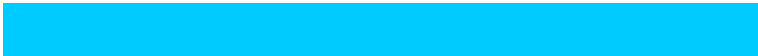
2E0900

Inverse Universe

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



24B6DB



00CBFF



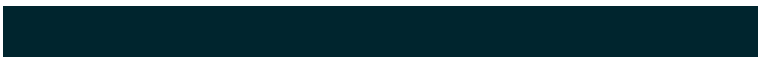
245BDB



636B6E



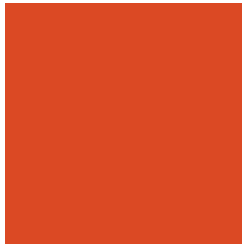
008AAD



00252E

Previews

White Background



This preview shows how the Hex color DB4924 looks on a white background.

Color Contrast Check

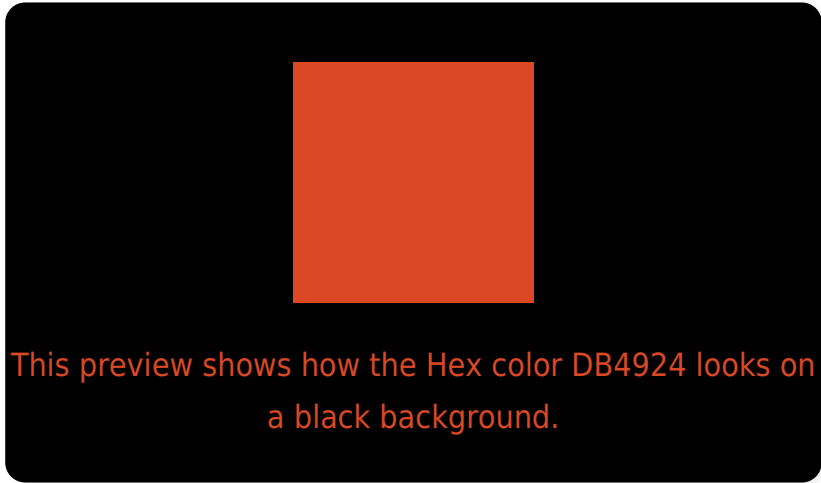
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4924 Background



This preview shows how black text looks on a background with the Hex color DB4924.



This preview shows how white text looks on a background with the Hex color DB4924.

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
DB4924

Protanopia
8A7C31

Deuteranopia
9D7612

Trichromacy



Original Color
DB4924

Protanomaly
A7692C

Deuteranomaly
B46619

Tritanomaly
DC463C

Monochromacy



Original Color
DB4924

Achromatopsia
707070

Achromatomaly
976254

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4924 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 #DB4924 looks like.

```
.text, #text, p{  
    color:#DB4924  
}
```

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 #DB4924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4924
}
```

Border

The CSS property to change the border of an element to Hex DB4924 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".

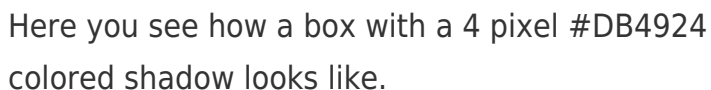
```
.border, #border, table{ border:4px solid
#DB4924 }
```

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

```
.border{ border-color:#DB4924 }
```

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

Here you see how a box with a 4 pixel #DB4924 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4924; -webkit-box-shadow:4px 4px  
4px 4px #DB4924; box-shadow:4px 4px 4px  
4px #DB4924 }
```

Background

The CSS property to change the background color of an element to Hex DB4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4924 }
```

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

```
.background{ background-color:#DB4924 }
```

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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