

Converting Colors

Hex(DB4820)

Have a look what the booklet for
Hex(DB4820) contains.

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Color

Hex(DB4820)

Conversions

Conversions Part 1

Format	Color
Hex	DB4820
RGB	219, 72, 32
RGB Percent	86%, 28%, 13%
CMY	0.1412, 0.7176, 0.8745
CMYK	0.00, 0.67, 0.85, 0.14
HSL	13°, 75%, 49%
HSV	13°, 85%, 86%
XYZ	31.7915, 19.7991, 3.5125
YIQ	111.3930, 100.4520, 18.7240

Conversions

Conversions Part 2

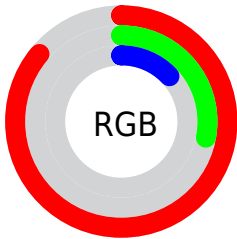
Format	Color
RYB	219, 83, 32
Decimal	14370848
CIELab	51.61, 55.66, 52.90
CIELCh	52, 76.788, 43.544
Yxy	19.7991, 0.5769, 0.3593
Android (android.graphics.Color)	4292560928 (0xFFDB4820)
YUV	111.3930, -39.1407, 94.3713
Hunter-Lab	44.4962, 49.6659, 26.4670

Details

The Hex color **DB4820** 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 **20B3DB**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8051**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DB370A**, and if you desaturate by 10%, it is **DB5936**.

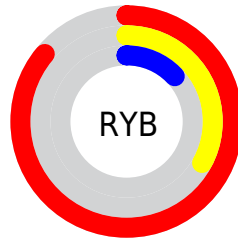
Distribution



Red (86%)

Green (28%)

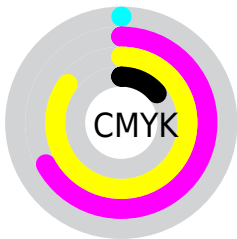
Blue (13%)



Red (86%)

Yellow (33%)

Blue (13%)

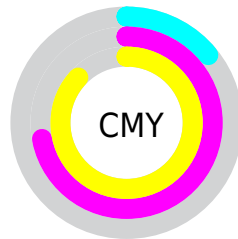


Cyan (0%)

Magenta (67%)

Yellow (85%)

Black (14%)



Cyan (14%)

Magenta (72%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4820 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 DB4820 by changing the saturation by 10% instead.

 DB4820

 DB4820

FFFFFF

 BB2A04

 FF8051

 9C0000

 FF9B6A

 7C0000

 FFB884

 5D0000

 FFD59F

 410002

 FFF2BA

 210001

 FFFFD7

 000000

 FFFFF3

 DB4820

 DB4820

 DB370A

 DB5936

 DB2F00

 DB6A4C

 DB7C62

 DB8D78

 DB9E8D

 DBAFA3

 DBC1B9

 DBD2CF

 DBE3E5

Harmonies

Analogous

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



EC2160



DB4820



B26A00

Triad

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



DB4820



009553



0079FD

Complementary

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



DB4820



20B3DB

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.



008DFA



DB4820



009798

Square

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



DB4820



208F00



0095D5



A159DB

Rectangle

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



DB4820



8E7B00



0095D5



0081FF

Sweetspot

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



DB4820



FFCBBB



DB20B6



806058



000000



808080

Same Dimension

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



DB4820



FF3700



DBA320



6E6563



AD2500



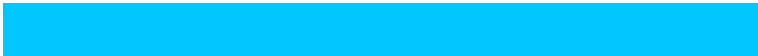
2E0A00

Inverse Universe

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



20B3DB



00C8FF



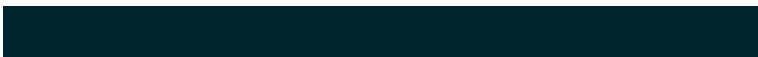
2058DB



636B6E



0088AD



00242E

Previews

White Background



This preview shows how the Hex color DB4820 looks on a white background.

Color Contrast Check

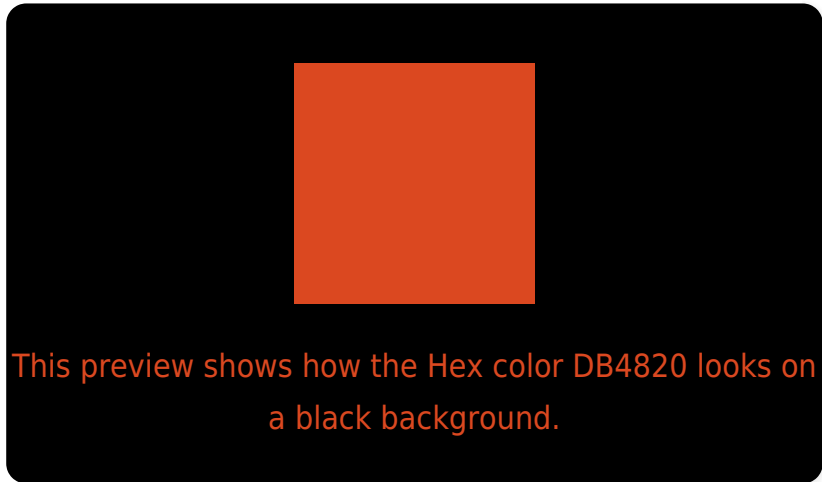
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4820 Background



This preview shows how black text looks on a background with the Hex color DB4820.



This preview shows how white text looks on a background with the Hex color DB4820.

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
DB4820

Protanopia
8A7C2D

Deuteranopia
9C7500

Trichromacy



Original Color
DB4820

Protanomaly
A76928

Deuteranomaly
B3650C

Tritanomaly
DC4539

Monochromacy



Original Color
DB4820

Achromatopsia
6F6F6F

Achromatomaly
966152

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4820 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 #DB4820 looks like.

```
.text, #text, p{  
    color:#DB4820  
}
```

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 #DB4820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4820
}
```

Border

The CSS property to change the border of an element to Hex DB4820 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".

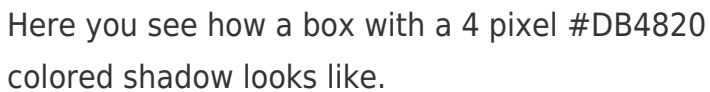
```
.border, #border, table{ border:4px solid
#DB4820 }
```

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

```
.border{ border-color:#DB4820 }
```

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

Here you see how a box with a 4 pixel #DB4820 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4820; -webkit-box-shadow:4px 4px  
4px 4px #DB4820; box-shadow:4px 4px 4px  
4px #DB4820 }
```

Background

The CSS property to change the background color of an element to Hex DB4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4820 }
```

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

```
.background{ background-color:#DB4820 }
```

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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