

Converting Colors

Hex(DB4620)

Have a look what the booklet for
Hex(DB4620) contains.

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Color

Hex(DB4620)

Conversions

Conversions Part 1

Format	Color
Hex	DB4620
RGB	219, 70, 32
RGB Percent	86%, 27%, 13%
CMY	0.1412, 0.7255, 0.8745
CMYK	0.00, 0.68, 0.85, 0.14
HSL	12°, 75%, 49%
HSV	12°, 85%, 86%
XYZ	31.6643, 19.5447, 3.4701
YIQ	110.2190, 101.0020, 19.7700

Conversions

Conversions Part 2

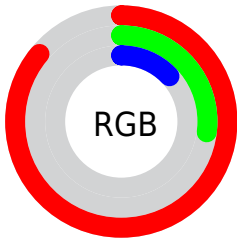
Format	Color
RYB	219, 80, 32
Decimal	14370336
CIELab	51.32, 56.45, 52.66
CIElCh	51, 77.196, 43.009
Yxy	19.5447, 0.5791, 0.3574
Android (android.graphics.Color)	4292560416 (0xFFDB4620)
YUV	110.2190, -38.5620, 95.4009
Hunter-Lab	44.2094, 50.4816, 26.2927

Details

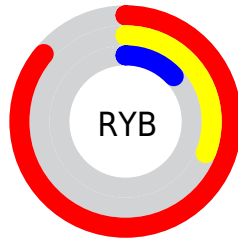
The Hex color **DB4620** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **20B5DB**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7E51**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DB350A**, and if you desaturate by 10%, it is **DB5736**.

Distribution



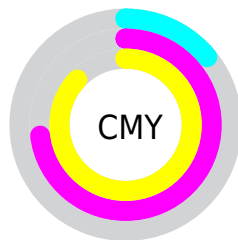
- Red (86%)
- Green (27%)
- Blue (13%)



- Red (86%)
- Yellow (31%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (85%)
- Black (14%)



- Cyan (14%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4620 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 DB4620 by changing the saturation by 10% instead.

 DB4620

 DB4620

FFFFFF

 BB2805

 FF7E51

 9C0000

 FF9A6A

 7C0000

 FFB684

 5D0000

 FFD39F

 410002

 FFF0BA

 210001

 FFFFD6

 000000

 FFFFF3

 DB4620

 DB4620

 DB350A

 DB5736

 DB2D00

 DB694C

 DB7A62

 DB8C78

 DB9D8D

 DBAFA3

 DBC0B9

 DBD2CF

 DBE3E5

Harmonies

Analogous

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



EC1E61



DB4620



B36900

Triad

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



DB4620



009451



0079FD

Complementary

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



DB4620



20B5DB

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.



008CFA



DB4620



009696

Square

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



DB4620



218E00



0095D4



9E59DC

Rectangle

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



DB4620



8F7A00



0095D4



0081FF

Sweetspot

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



DB4620



FFCABD



DB20B6



806058



000000



808080

Same Dimension

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



DB4620



FF3400



DBA320



6E6563



AD2300



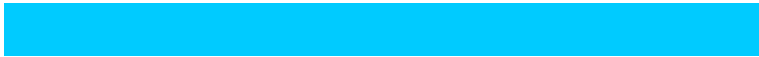
2E0900

Inverse Universe

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



20B5DB



00CBFF



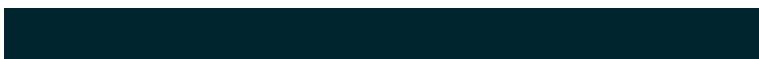
2058DB



636B6E



008AAD



00252E

Previews

White Background



This preview shows how the Hex color DB4620 looks on a white background.

Color Contrast Check

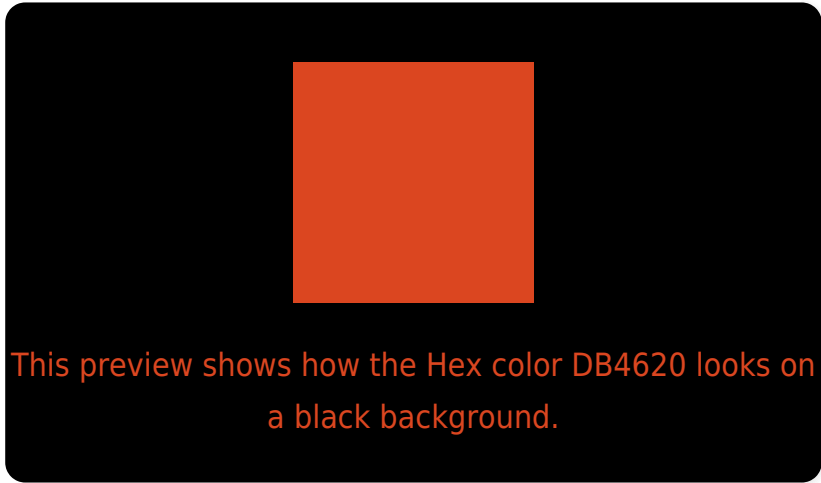
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4620 Background



This preview shows how black text looks on a background with the Hex color DB4620.



This preview shows how white text looks on a background with the Hex color DB4620.

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

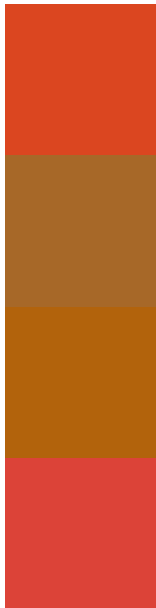


Original Color
DB4620

Protanopia
897B2D

Deuteranopia
9B7400

Trichromacy



Original Color
DB4620

Protanomaly
A76828

Deuteranomaly
B2630C

Tritanomaly
DC4338

Monochromacy



Original Color
DB4620

Achromatopsia
6E6E6E

Achromatomaly
965F52

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4620 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 #DB4620 looks like.

```
.text, #text, p{  
    color:#DB4620  
}
```

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 #DB4620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4620
}
```

Border

The CSS property to change the border of an element to Hex DB4620 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
#DB4620 }
```

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

```
.border{ border-color:#DB4620 }
```

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

Here you see how a box with a 4 pixel #DB4620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4620; -webkit-box-shadow:4px 4px  
4px 4px #DB4620; box-shadow:4px 4px 4px  
4px #DB4620 }
```

Background

The CSS property to change the background color of an element to Hex DB4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4620 }
```

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

```
.background{ background-color:#DB4620 }
```

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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