

Converting Colors

Hex(DB4D48)

Have a look what the booklet for
Hex(DB4D48) contains.

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Color

Hex(DB4D48)

Conversions

Conversions Part 1

Format	Color
Hex	DB4D48
RGB	219, 77, 72
RGB Percent	86%, 30%, 28%
CMY	0.1412, 0.6980, 0.7176
CMYK	0.00, 0.65, 0.67, 0.14
HSL	2°, 67%, 57%
HSV	2°, 67%, 86%
XYZ	33.0370, 20.8357, 8.4113
YIQ	118.8880, 86.2370, 28.5490

Conversions

Conversions Part 2

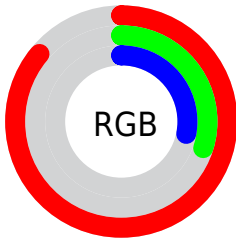
Format	Color
RYB	219, 77, 72
Decimal	14372168
CIELab	52.77, 55.13, 33.39
CIElCh	53, 64.456, 31.199
Yxy	20.8357, 0.5304, 0.3345
Android (android.graphics.Color)	4292562248 (0xFFDB4D48)
YUV	118.8880, -23.1158, 87.7982
Hunter-Lab	45.6461, 49.3110, 21.0268

Details

The Hex color **DB4D48** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **48D6DB**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8479**, and **9D081C** is the 20% darker color. If you saturate the color by 10%, you get **DB3832**, and if you desaturate by 10%, it is **DB625E**.

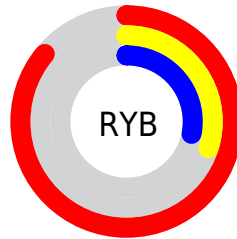
Distribution



Red (86%)

Green (30%)

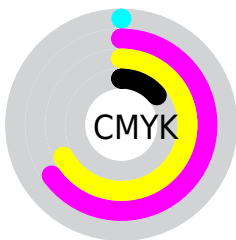
Blue (28%)



Red (86%)

Yellow (30%)

Blue (28%)

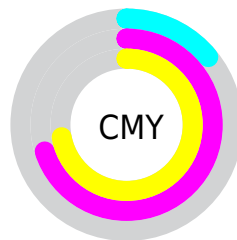


Cyan (0%)

Magenta (65%)

Yellow (67%)

Black (14%)



Cyan (14%)

Magenta (70%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4D48 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 DB4D48 by changing the saturation by 10% instead.

 DB4D48

 DB4D48

FFFFFF

 BC3031

 FF8479

 9D081C

 FFA093

 7F0005

 FFBDA0

 600000

 FFDAC9

 440001

 FFF7E5

 260001

 000000

 DB4D48

 DB4D48

 DB3832

 DB625E

 DB231C

 DB7774

 DB0E06

 DB8C8A

 DB0700

 DBA2A0

 DBB7B5

 DBCCCB

 DBE1E1

 DBF6F7

 DBFFFF

Harmonies

Analogous

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



DE427E



DB4D48



C06614

Triad

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



DB4D48



009345



0084ED

Complementary

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



DB4D48



48D6DB

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.



0091DF



DB4D48



00977F

Square

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



DB4D48



5E8B06



0096B6



7E6EDD

Rectangle

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



DB4D48



A57600



0096B6



0089EC

Sweetspot

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



DB4D48



FFCECC



DB48D6



806261



000000



808080

Same Dimension

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



DB4D48



FF3730



DB9648



6E6363



AD0600



2E0200

Inverse Universe

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



48D6DB



30F8FF



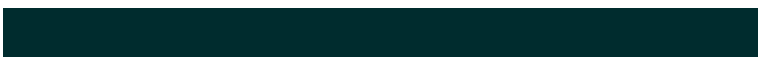
488DDB



636D6E



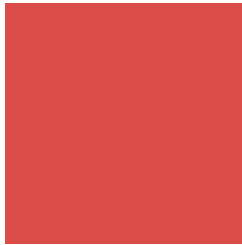
00A8AD



002C2E

Previews

White Background



This preview shows how the Hex color DB4D48 looks on a white background.

Color Contrast Check

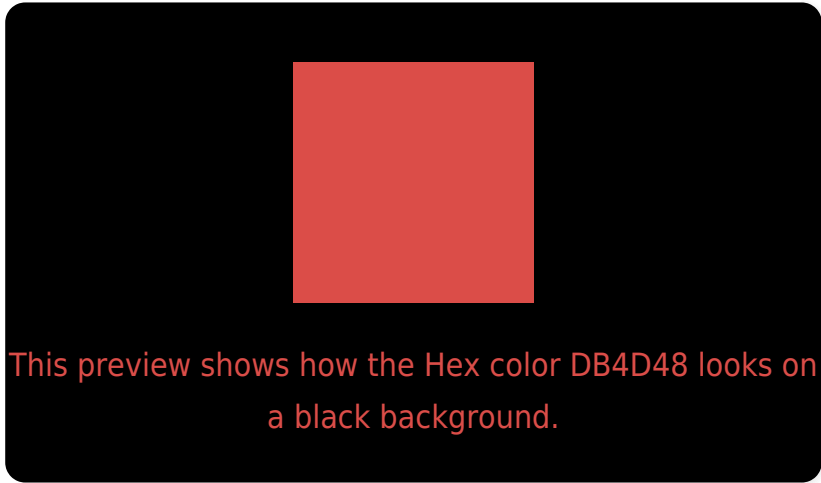
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4D48 Background



This preview shows how black text looks on a background with the Hex color DB4D48.

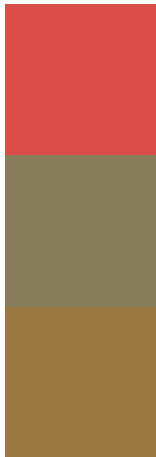


This preview shows how white text looks on a background with the Hex color DB4D48.

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
DB4D48

Protanopia
887E5B

Deuteranopia
9B7840



Tritanopia
DB4C50

Trichromacy



Original Color
DB4D48

Protanomaly
A66C54

Deuteranomaly
B26843

Tritanomaly
DB4C4D

Monochromacy



Original Color
DB4D48

Achromatopsia
777777

Achromatomaly
9B6866

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4D48 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 #DB4D48 looks like.

```
.text, #text, p{  
    color:#DB4D48  
}
```

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 #DB4D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4D48
}
```

Border

The CSS property to change the border of an element to Hex DB4D48 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
#DB4D48 }
```

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

```
.border{ border-color:#DB4D48 }
```

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

Here you see how a box with a 4 pixel #DB4D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4D48; -webkit-box-shadow:4px 4px  
4px 4px #DB4D48; box-shadow:4px 4px 4px  
4px #DB4D48 }
```

Background

The CSS property to change the background color of an element to Hex DB4D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4D48 }
```

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

```
.background{ background-color:#DB4D48 }
```

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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