

Converting Colors

Hex(DB4B2E)

Have a look what the booklet for
Hex(DB4B2E) contains.

Hex(DB4B2E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DB4B2E)

Conversions

Conversions Part 1

Format	Color
Hex	DB4B2E
RGB	219, 75, 46
RGB Percent	86%, 29%, 18%
CMY	0.1412, 0.7059, 0.8196
CMYK	0.00, 0.66, 0.79, 0.14
HSL	10°, 71%, 52%
HSV	10°, 79%, 86%
XYZ	32.2226, 20.2895, 4.8027
YIQ	114.7500, 95.1330, 21.5090

Conversions

Conversions Part 2

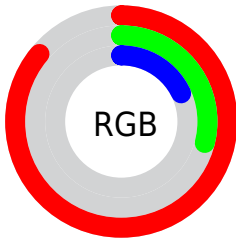
Format	Color
R_{YB}	219, 81, 46
Decimal	14371630
CIE _{Lab}	52.16, 54.83, 46.86
CIE _{LCh}	52, 72.128, 40.515
Yxy	20.2895, 0.5622, 0.3540
Android (android.graphics.Color)	4292561710 (0xFFDB4B2E)
YUV	114.7500, -33.8937, 91.4273
Hunter-Lab	45.0438, 48.8653, 25.2090

Details

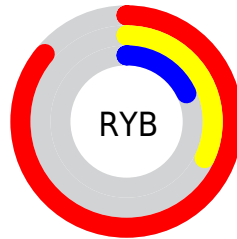
The Hex color **DB4B2E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2EBEDB**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF825E**, and **9C0400** is the 20% darker color. If you saturate the color by 10%, you get **DB3918**, and if you desaturate by 10%, it is **DB5D44**.

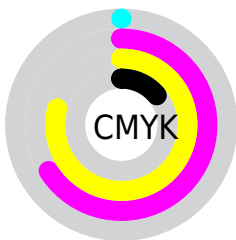
Distribution



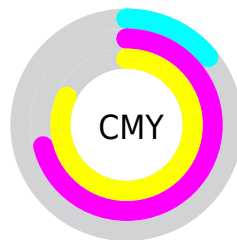
- Red (86%)
- Green (29%)
- Blue (18%)



- Red (86%)
- Yellow (32%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (79%)
- Black (14%)



- Cyan (14%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4B2E 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 DB4B2E by changing the saturation by 10% instead.

 DB4B2E

 DB4B2E

FFFFFF

 BB2E17

 FF825E

 9C0400

 FF9E78

 7D0000

 FFBA92

 5E0000

 FFD7AD

 420002

 FFF5C8

 230001

 FFFF E5

 000000

 DB4B2E

 DB4B2E

 DB3918

 DB5D44

 DB2702

 DB6F5A

 DB2500

 DB8270

 DB9486

 DBA69C

 DBB8B1

 DBCBC7

 DBDDDD

 DBEFF3

Harmonies

Analogous

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



E83069



DB4B2E



B76A00

Triad

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



DB4B2E



009550



007DF7

Complementary

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



DB4B2E



2EBEDB

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.



008EF2



DB4B2E



009791

Square

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



DB4B2E



3A8E01



0096CC



9860DB

Rectangle

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



DB4B2E



957A00



0096CC



0084F9

Sweetspot

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



DB4B2E



FFCC2



DB2EBE



80615B



000000



808080

Same Dimension

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



DB4B2E



FF350D



DBA12E



6E6563



AD1D00



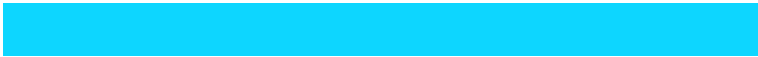
2E0800

Inverse Universe

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



2EBEDB



0DD6FF



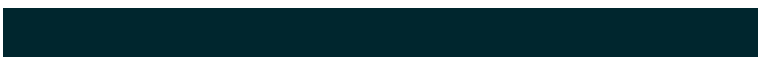
2E68DB



636C6E



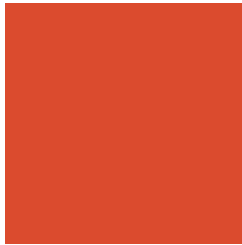
0090AD



00262E

Previews

White Background



This preview shows how the Hex color DB4B2E looks on a white background.

Color Contrast Check

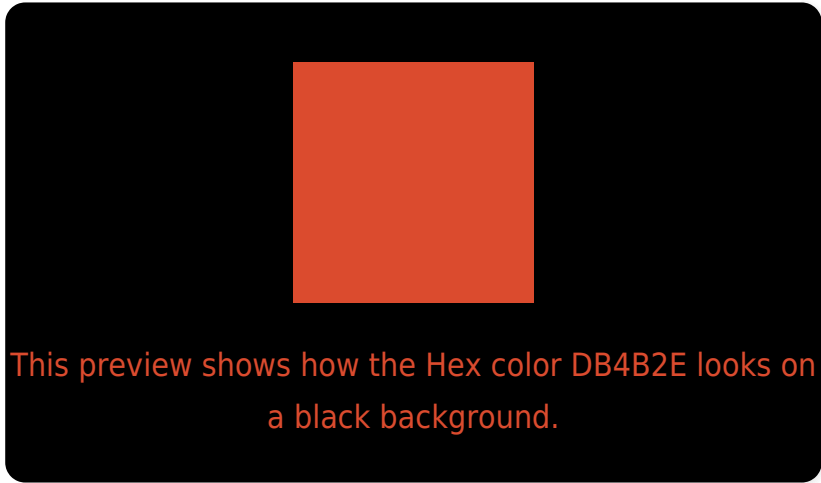
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB4B2E Background



This preview shows how black text looks on a background with the Hex color DB4B2E.



This preview shows how white text looks on a background with the Hex color DB4B2E.

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



Trichromacy



Original Color
DB4B2E

Protanomaly
A76B37

Deuteranomaly
B46726

Tritanomaly
DC4840

Monochromacy



Original Color
DB4B2E

Achromatopsia
737373

Achromatomaly
99645A

CSS Examples

Text

The CSS property to change the color of the text to Hex DB4B2E 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 #DB4B2E looks like.

```
.text, #text, p{  
    color:#DB4B2E  
}
```

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 #DB4B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4B2E
}
```

Border

The CSS property to change the border of an element to Hex DB4B2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

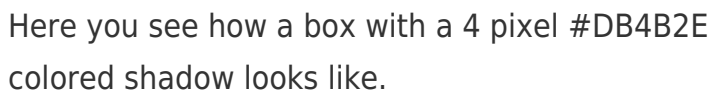
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DB4B2E }
```

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

```
.border{ border-color:#DB4B2E }
```

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



Here you see how a box with a 4 pixel `#DB4B2E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4B2E; -webkit-box-shadow:4px 4px  
4px 4px #DB4B2E; box-shadow:4px 4px 4px  
4px #DB4B2E }
```

Background

The CSS property to change the background color of an element to Hex DB4B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4B2E }
```

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

```
.background{ background-color:#DB4B2E }
```

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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