

Converting Colors

Hex(DB533D)

Have a look what the booklet for
Hex(DB533D) contains.

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Color

Hex(DB533D)

Conversions

Conversions Part 1

Format	Color
Hex	DB533D
RGB	219, 83, 61
RGB Percent	86%, 33%, 24%
CMY	0.1412, 0.6745, 0.7608
CMYK	0.00, 0.62, 0.72, 0.14
HSL	8°, 69%, 55%
HSV	8°, 72%, 86%
XYZ	33.1490, 21.5835, 6.8338
YIQ	121.1560, 88.1180, 21.9900

Conversions

Conversions Part 2

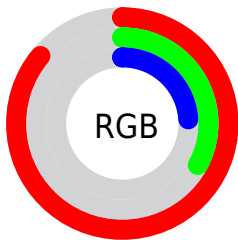
Format	Color
R_{YB}	219, 87, 61
Decimal	14373693
CIE Lab	53.58, 52.03, 40.49
CIE LCh	54, 65.924, 37.891
Yxy	21.5835, 0.5384, 0.3506
Android (android.graphics.Color)	4292563773 (0xFFDB533D)
YUV	121.1560, -29.6569, 85.8092
Hunter-Lab	46.4580, 46.0626, 23.7993

Details

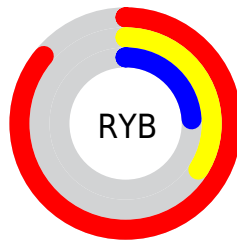
The Hex color **DB533D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3DC5DB**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8A6E**, and **9D1710** is the 20% darker color. If you saturate the color by 10%, you get **DB4027**, and if you desaturate by 10%, it is **DB6653**.

Distribution



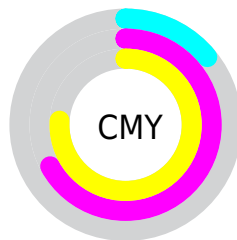
- Red (86%)
- Green (33%)
- Blue (24%)



- Red (86%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB533D 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 DB533D by changing the saturation by 10% instead.

 DB533D

 DB533D

FFFFFF

 BC3726

 FF8A6E

 9D1710

 FFA587

 7F0000

 FFC2A2

 600000

 FFDFBD

 430001

 FFFCD9

 260001

 FFFFF5

 000000

 DB533D

 DB533D

 DB4027

 DB6653

 DB2D11

 DB7969

 DB1E00

 DB8C7F

 DB9E95

 DBB1AB

 DBC4C0

 DBD7D6

 DBEAEC

 DBFDFF

Harmonies

Analogous

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



E44173



DB533D



BB6D00

Triad

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



DB533D



009753



0082F1

Complementary

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



DB533D



3DC5DB

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.



0091E9



DB533D



009A8E

Square

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



DB533D



4F9017



0098C5



946ADA

Rectangle

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



DB533D



9D7C00



0098C5



0088F2

Sweetspot

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



DB533D



FFCFC7



DB3DC6



80635E



000000



808080

Same Dimension

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



DB533D



FF4021



DBA13D



6E6463



AD1800



2E0600

Inverse Universe

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



3DC5DB



21E0FF



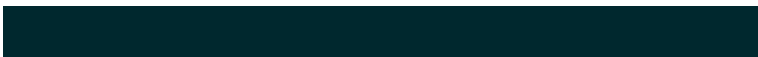
3D77DB



636C6E



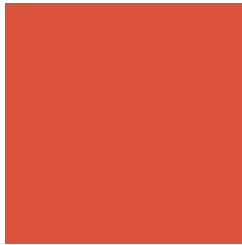
0095AD



00282E

Previews

White Background



This preview shows how the Hex color DB533D looks on a white background.

Color Contrast Check

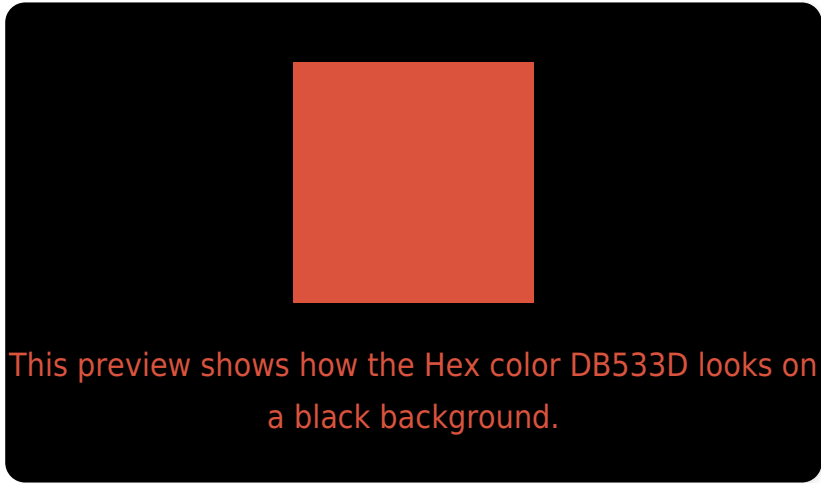
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB533D Background



This preview shows how black text looks on a background with the Hex color DB533D.

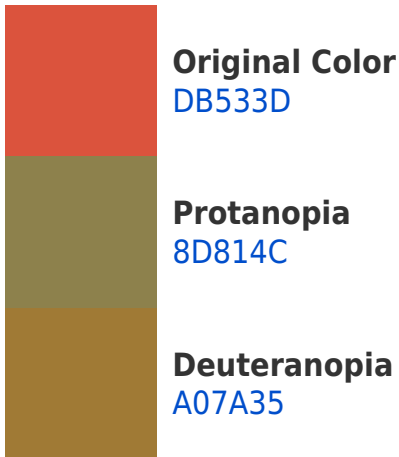


This preview shows how white text looks on a background with the Hex color DB533D.

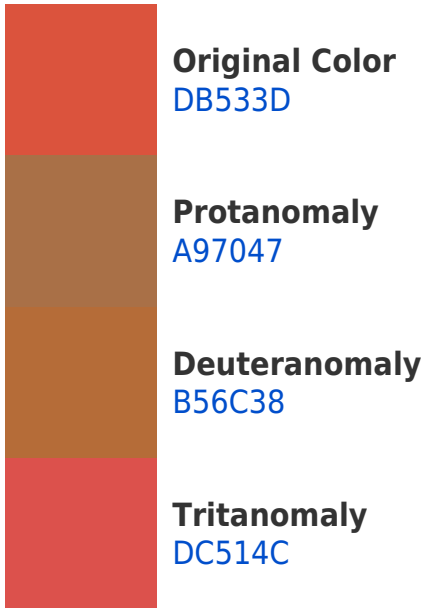
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB533D 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 #DB533D looks like.

```
.text, #text, p{  
    color:#DB533D  
}
```

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 #DB533D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB533D
}
```

Border

The CSS property to change the border of an element to Hex DB533D 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
#DB533D }
```

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

```
.border{ border-color:#DB533D }
```

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

Here you see how a box with a 4 pixel #DB533D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB533D; -webkit-box-shadow:4px 4px  
4px 4px #DB533D; box-shadow:4px 4px 4px  
4px #DB533D }
```

Background

The CSS property to change the background color of an element to Hex DB533D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB533D }
```

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

```
.background{ background-color:#DB533D }
```

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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