

# Converting Colors

Hex(DB5D3D)

Have a look what the booklet for  
Hex(DB5D3D) contains.

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**Color**

**Hex(DB5D3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5D3D
RGB	219, 93, 61
RGB Percent	86%, 36%, 24%
CMY	0.1412, 0.6353, 0.7608
CMYK	0.00, 0.58, 0.72, 0.14
HSL	12°, 69%, 55%
HSV	12°, 72%, 86%
XYZ	33.9701, 23.2257, 7.1075
YIQ	127.0260, 85.3680, 16.7600

# Conversions

## Conversions Part 2

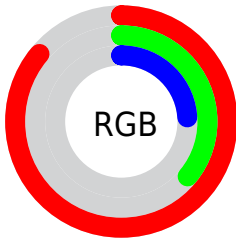
Format	Color
R <sub>Y</sub> B	219, 101, 61
Decimal	14376253
CIE Lab	55.30, 47.49, 42.41
CIE LCh	55, 63.668, 41.768
Yxy	23.2257, 0.5283, 0.3612
Android (android.graphics.Color)	4292566333 (0xFFDB5D3D)
YUV	127.0260, -32.5508, 80.6612
Hunter-Lab	48.1930, 41.4824, 24.9911

# Details

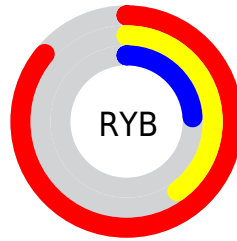
The Hex color **DB5D3D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3DBBDB**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF936E**, and **9D270F** is the 20% darker color. If you saturate the color by 10%, you get **DB4C27**, and if you desaturate by 10%, it is **DB6E53**.

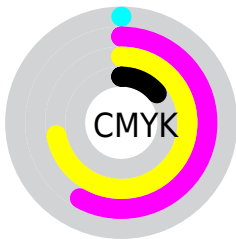
# Distribution



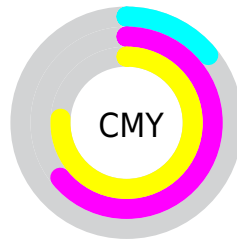
- Red (86%)
- Green (36%)
- Blue (24%)



- Red (86%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5D3D 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 DB5D3D by changing the saturation by 10% instead.



 DB5D3D

 DB5D3D

FFFFFF

 BC4226

 FF936E

 9D270F

 FFAF88

 7F0100

 FFCBA2

 610000

 FFE8BE

 440000

 FFFFDA

 280001

 FFFFF6

 000000

 DB5D3D

 DB5D3D

 DB4C27

 DB6E53

 DB3A11

 DB8069

 DB2C00

 DB917F

 DBA395

 DBB4AB

 DBC6C0

 DBD7D6

 DBE9EC

 DBFAFF

# Harmonies

## Analogous

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



E74B71



DB5D3D



BA7508

# Triad

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



DB5D3D



009C60



2884F1

# Complementary

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



DB5D3D



3DBBDB

# 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.



0094ED



DB5D3D



009E99

# Square

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



DB5D3D



4C9529



009CCD



A26BD7

# Rectangle

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



DB5D3D



9C8300



009CCD



008AF3



# Sweetspot

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



DB5D3D



FFD2C7



DB3DBB



80655E



000000



808080



# Same Dimension

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



DB5D3D



FF4E21



DBAC3D



6E6563



AD2300



2E0900



# Inverse Universe

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



3DBBDB



21D2FF



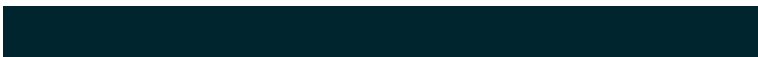
3D6CDB



636B6E



008AAD

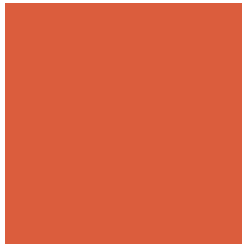


00252E



# Previews

## White Background



This preview shows how the Hex color DB5D3D looks on a white background.

## Color Contrast Check

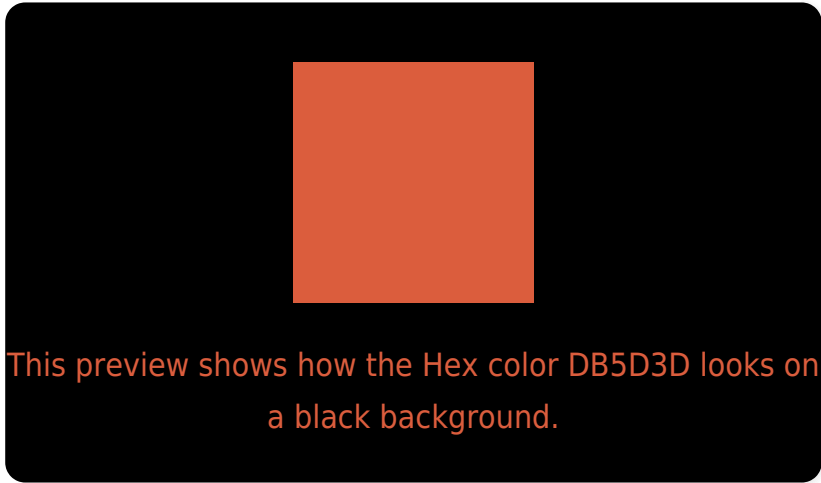
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5D3D Background



This preview shows how black text looks on a background with the Hex color DB5D3D.

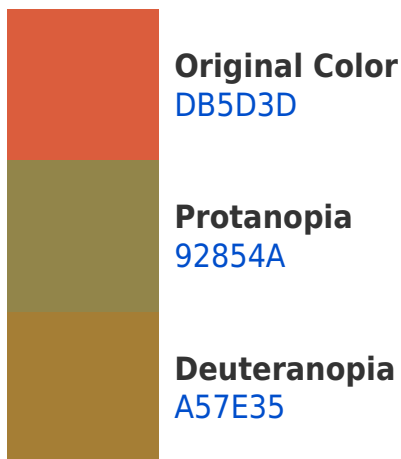


This preview shows how white text looks on a background with the Hex color DB5D3D.

# 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**  
DB5D3D

**Protanomaly**  
AD7645

**Deuteranomaly**  
B97238

**Tritanomaly**  
DC5A53

# Monochromacy



**Original Color**  
DB5D3D

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
A07367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5D3D 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 #DB5D3D looks like.

```
.text, #text, p{  
  color:#DB5D3D  
}
```

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 #DB5D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5D3D
}
```

## Border

The CSS property to change the border of an element to Hex DB5D3D 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
#DB5D3D }
```

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

```
.border{ border-color:#DB5D3D }
```

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

Here you see how a box with a 4 pixel #DB5D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5D3D; -webkit-box-shadow:4px 4px  
4px 4px #DB5D3D; box-shadow:4px 4px 4px  
4px #DB5D3D }
```

# Background

The CSS property to change the background color of an element to Hex DB5D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5D3D }
```

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

```
.background{ background-color:#DB5D3D }
```

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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