

# Converting Colors

Hex(DB5E3C)

Have a look what the booklet for  
Hex(DB5E3C) contains.

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# Color

Hex(DB5E3C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5E3C
RGB	219, 94, 60
RGB Percent	86%, 37%, 24%
CMY	0.1412, 0.6314, 0.7647
CMYK	0.00, 0.57, 0.73, 0.14
HSL	13°, 69%, 55%
HSV	13°, 73%, 86%
XYZ	34.0317, 23.3917, 6.9963
YIQ	127.4990, 85.4140, 15.9260

# Conversions

## Conversions Part 2

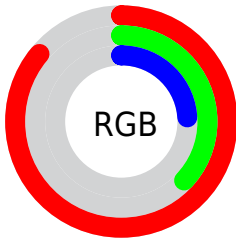
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 103, 60
Decimal	14376508
CIE <sub>Lab</sub>	55.47, 46.97, 43.12
CIE <sub>LCh</sub>	55, 63.765, 42.555
Yxy	23.3917, 0.5283, 0.3631
Android (android.graphics.Color)	4292566588 (0xFFDB5E3C)
YUV	127.4990, -33.2770, 80.2464
Hunter-Lab	48.3650, 40.9617, 25.2788

# Details

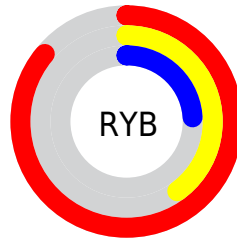
The Hex color **DB5E3C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3CB9DB**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF946D**, and **9D280D** is the 20% darker color. If you saturate the color by 10%, you get **DB4D26**, and if you desaturate by 10%, it is **DB6F52**.

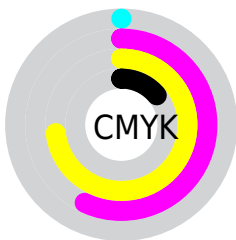
# Distribution



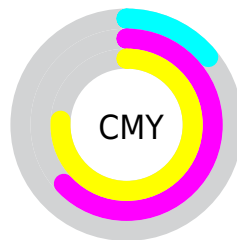
- Red (86%)
- Green (37%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (57%)
- Yellow (73%)
- Black (14%)



- Cyan (14%)
- Magenta (63%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB5E3C 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 DB5E3C by changing the saturation by 10% instead.



 DB5E3C

 DB5E3C

FFFFFF

 BC4325


 FF946D

 9D280D

 FFB087

 7F0300

 FFCCA1

 610000

 FFE9BD

 440000

 FFFFD9

 290001

 FFFFF5

 000000

 DB5E3C

 DB5E3C

 DB4D26

 DB6F52

 DB3C10

 DB8068

 DB2F00

 DB927E

 DBA394

 DBB4AA

 DBC5BF

 DBD7D5

 DBE8EB

 DBF9FF

# Harmonies

## Analogous

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



E74C70



DB5E3C



B97607

# Triad

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



DB5E3C



009C62



3084F2

# Complementary

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



DB5E3C



3CB9DB

# 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.



0094EF



DB5E3C



009E9B

# Square

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



DB5E3C



4A962B



009CCF



A46BD7

# Rectangle

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



DB5E3C



9B8400



009CCF



008AF4



# Sweetspot

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



DB5E3C



FFD3C7



DB3CBB



80655E



000000



808080



# Same Dimension

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



DB5E3C



FF5121



DBAB3C



6E6563



AD2500



2E0A00



# Inverse Universe

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



3CB9DB



21D0FF



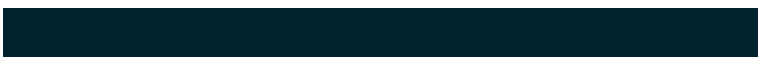
3C6CDB



636B6E



0088AD

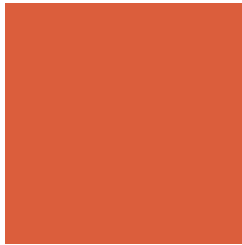


00242E



# Previews

## White Background



This preview shows how the Hex color DB5E3C looks on a white background.

## Color Contrast Check

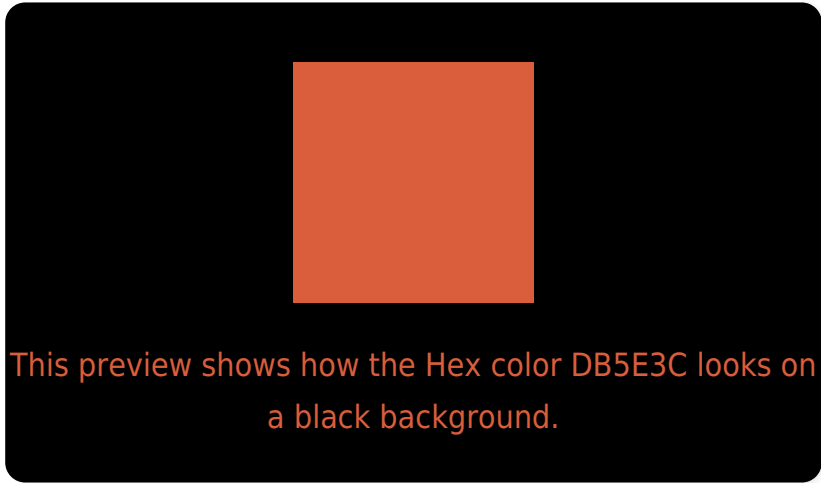
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB5E3C Background



This preview shows how black text looks on a background with the Hex color DB5E3C.



This preview shows how white text looks on a background with the Hex color DB5E3C.

# Color Blindness Simulation

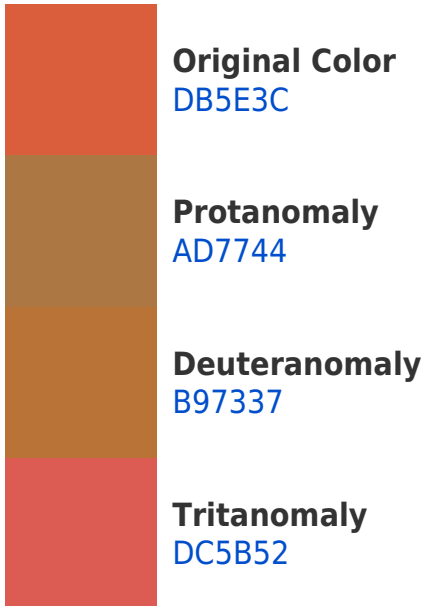
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB5E3C 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 #DB5E3C looks like.

```
.text, #text, p{  
    color:#DB5E3C  
}
```

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 #DB5E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB5E3C }  
}
```

## Border

The CSS property to change the border of an element to Hex DB5E3C 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 #DB5E3C }  
}
```

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

```
.border{ border-color:#DB5E3C }
```

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

Here you see how a box with a 4 pixel #DB5E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB5E3C; -webkit-box-shadow:4px 4px  
4px 4px #DB5E3C; box-shadow:4px 4px 4px  
4px #DB5E3C }
```

# Background

The CSS property to change the background color of an element to Hex DB5E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB5E3C }
```

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

```
.background{ background-color:#DB5E3C }
```

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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