

Converting Colors

Hex(DC5B38)

Have a look what the booklet for
Hex(DC5B38) contains.

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Color

Hex(DC5B38)

Conversions

Conversions Part 1

Format	Color
Hex	DC5B38
RGB	220, 91, 56
RGB Percent	86%, 36%, 22%
CMY	0.1373, 0.6431, 0.7804
CMYK	0.00, 0.59, 0.75, 0.14
HSL	13°, 70%, 54%
HSV	13°, 75%, 86%
XYZ	33.9701, 22.9833, 6.3872
YIQ	125.5810, 88.1190, 16.4630

Conversions

Conversions Part 2

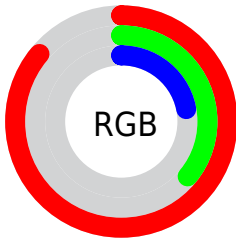
Format	Color
R_{YB}	220, 100, 56
Decimal	14441272
CIE Lab	55.06, 48.56, 44.80
CIE LCh	55, 66.068, 42.693
Yxy	22.9833, 0.5363, 0.3629
Android (android.graphics.Color)	4292631352 (0xFFDC5B38)
YUV	125.5810, -34.3034, 82.8055
Hunter-Lab	47.9409, 42.5853, 25.6594

Details

The Hex color **DC5B38** 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 **38B9DC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9169**, and **9E2408** is the 20% darker color. If you saturate the color by 10%, you get **DC4A22**, and if you desaturate by 10%, it is **DC6C4E**.

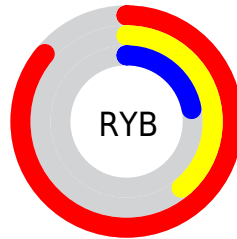
Distribution



Red (86%)

Green (36%)

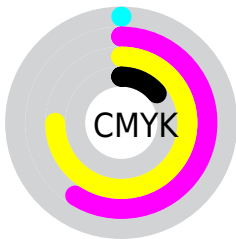
Blue (22%)



Red (86%)

Yellow (39%)

Blue (22%)

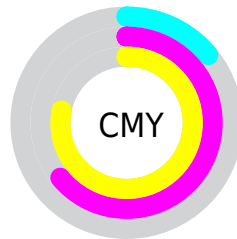


Cyan (0%)

Magenta (59%)

Yellow (75%)

Black (14%)



Cyan (14%)

Magenta (64%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC5B38 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 DC5B38 by changing the saturation by 10% instead.

 DC5B38

 DC5B38

FFFFFF

 BD4021

 FF9169

 9E2408

 FFAD83

 800000

 FFC99D

 610000

 FFE6B8

 440000

 FFFFD4

 280001

 FFFFF1

 000000

 DC5B38

 DC5B38

 DC4A22

 DC6C4E

 DC380C

 DC7E64

 DC2F00

 DC8F7A

 DCA090

 DCB2A6

 DCC3BC

 DCD4D2

 DCE5E8

 DCF7FE

Harmonies

Analogous

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



E9476E



DC5B38



B97500

Triad

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



DC5B38



009C60



2382F4

Complementary

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



DC5B38



38B9DC

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.



0093F1



DC5B38



009E9B

Square

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



DC5B38



459525



009CD0



A469D9

Rectangle

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



DC5B38



9A8300



009CD0



0089F7

Sweetspot

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



DC5B38



FFD3C7



DC38BB



80655E



000000



808080

Same Dimension

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



DC5B38



FF4C1C



DCAB38



6E6563



AD2500



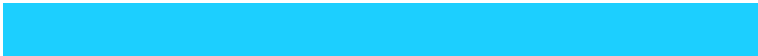
2E0A00

Inverse Universe

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



38B9DC



1CCFFF



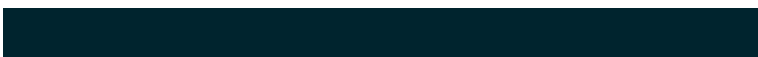
3869DC



636B6E



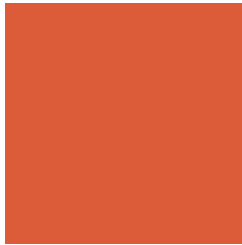
0088AD



00242E

Previews

White Background



This preview shows how the Hex color DC5B38 looks on a white background.

Color Contrast Check

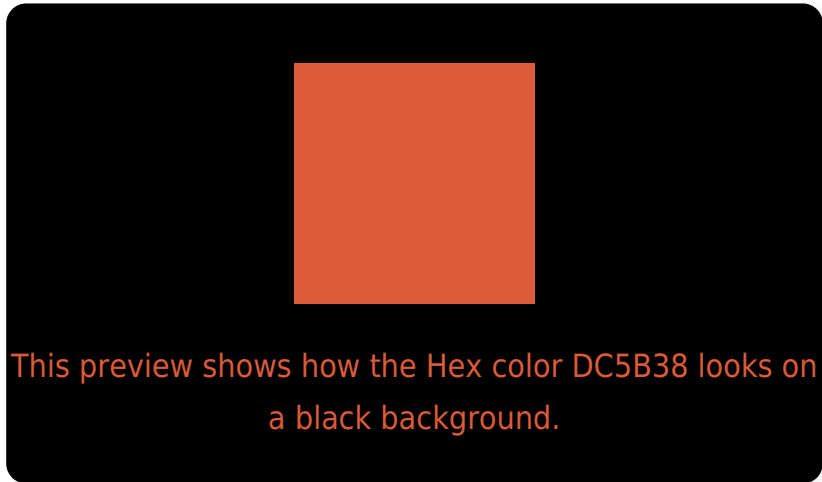
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC5B38 Background



This preview shows how black text looks on a background with the Hex color DC5B38.

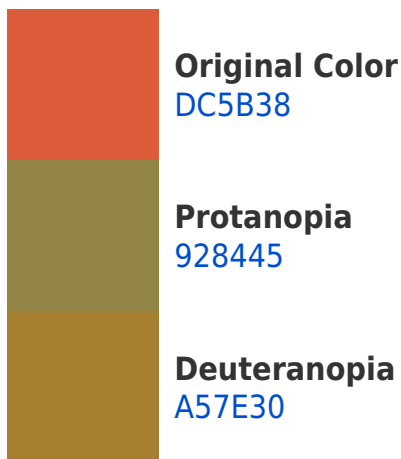


This preview shows how white text looks on a background with the Hex color DC5B38.

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
DC5B38

Protanomaly
AD7540

Deuteranomaly
B97133

Tritanomaly
DD584F

Monochromacy



Original Color
DC5B38

Achromatopsia
7E7E7E

Achromatomaly
A07165

CSS Examples

Text

The CSS property to change the color of the text to Hex DC5B38 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 #DC5B38 looks like.

```
.text, #text, p{  
    color:#DC5B38  
}
```

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 #DC5B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC5B38  
}
```

Border

The CSS property to change the border of an element to Hex DC5B38 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  
#DC5B38 }
```

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

```
.border{ border-color:#DC5B38 }
```

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

Here you see how a box with a 4 pixel #DC5B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC5B38; -webkit-box-shadow:4px 4px  
4px 4px #DC5B38; box-shadow:4px 4px 4px  
4px #DC5B38 }
```

Background

The CSS property to change the background color of an element to Hex DC5B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC5B38 }
```

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

```
.background{ background-color:#DC5B38 }
```

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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