

# Converting Colors

Hex(D0583D)

Have a look what the booklet for  
Hex(D0583D) contains.

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# Color

**Hex(D0583D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0583D
RGB	208, 88, 61
RGB Percent	82%, 35%, 24%
CMY	0.1843, 0.6549, 0.7608
CMYK	0.00, 0.58, 0.71, 0.18
HSL	11°, 61%, 53%
HSV	11°, 71%, 82%
XYZ	30.3445, 20.7263, 6.8161
YIQ	120.8020, 80.1870, 17.0430

# Conversions

## Conversions Part 2

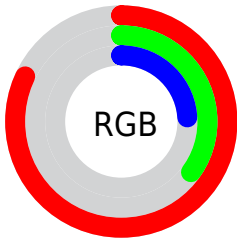
Format	Color
R <sub>Y</sub> B	208, 94, 61
Decimal	13654077
CIE Lab	52.65, 45.83, 38.95
CIE LCh	53, 60.145, 40.358
Yxy	20.7263, 0.5242, 0.3580
Android (android.graphics.Color)	4291844157 (0xFFD0583D)
YUV	120.8020, -29.4824, 76.4726
Hunter-Lab	45.5261, 39.3047, 22.9914

# Details

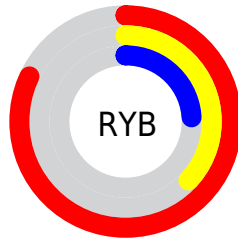
The Hex color **D0583D** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3DB5D0**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8D6E**, and **932210** is the 20% darker color. If you saturate the color by 10%, you get **D04728**, and if you desaturate by 10%, it is **D06952**.

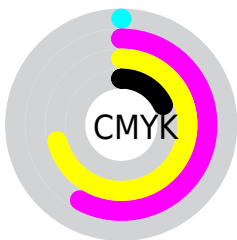
# Distribution



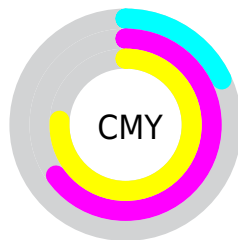
- Red (82%)
- Green (35%)
- Blue (24%)



- Red (82%)
- Yellow (37%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (18%)



- Cyan (18%)
- Magenta (65%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0583D 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 D0583D by changing the saturation by 10% instead.



 D0583D

 D0583D

FFFFFF

 B13E26

 FF8D6E

 932210

 FFA987

 750000

 FFC5A2

 580000

 FFE2BD

 3C0001

 FFFFD9

 1B0001

 FFFFF5

 000000

 D0583D

 D0583D

 D04728

 D06952

 D03613

 D07A67

 D02600

 D08B7B

 D09C90

 D0ADA5

 D0BEBA

 D0CFCF

 D0E0E3

 D0F1F8

# Harmonies

## Analogous

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



DA496E



D0583D



B26E0F

# Triad

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



D0583D



009359



1E7EE4

# Complementary

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



D0583D



3DB5D0

# 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.



008DDF



D0583D



00968F

# Square

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



D0583D



4D8D26



0094C0



9668CD

# Rectangle

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



D0583D



967B00



0094C0



0084E5



# Sweetspot

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



D0583D



FFD3C9



D03DB5



806560



000000



808080



# Same Dimension

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



D0583D



FF4E26



D0A13D



69605E



A81F00



290700

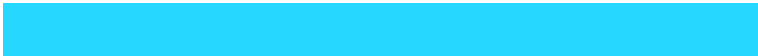


# Inverse Universe

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



3DB5D0



26D7FF



3D6CD0



5E6769



0089A8

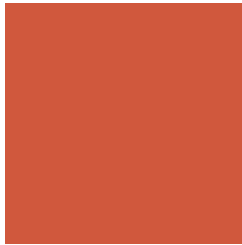


002129



# Previews

## White Background



This preview shows how the Hex color D0583D looks on a white background.

## Color Contrast Check

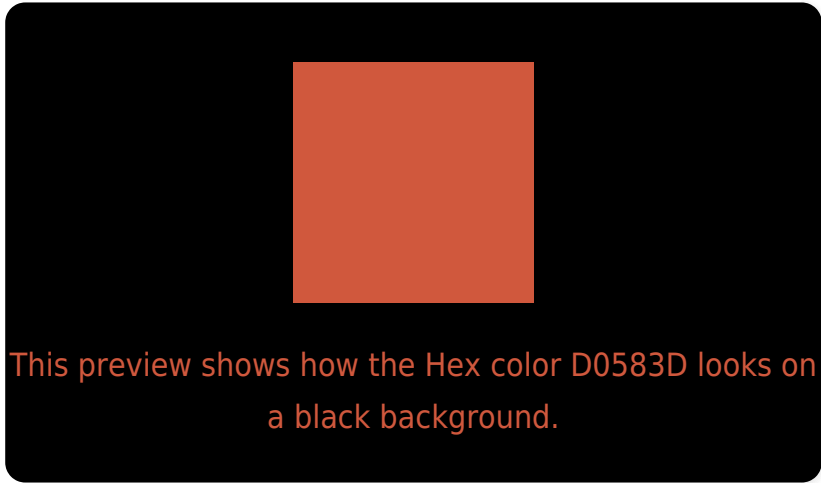
Large Text (above 18pt) WCAG AA ✓ Pass

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

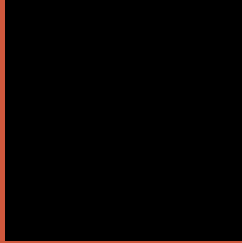
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0583D Background



This preview shows how black text looks on a background with the Hex color D0583D.



This preview shows how white text looks on a background with the Hex color D0583D.

# 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



**Original Color**  
D0583D

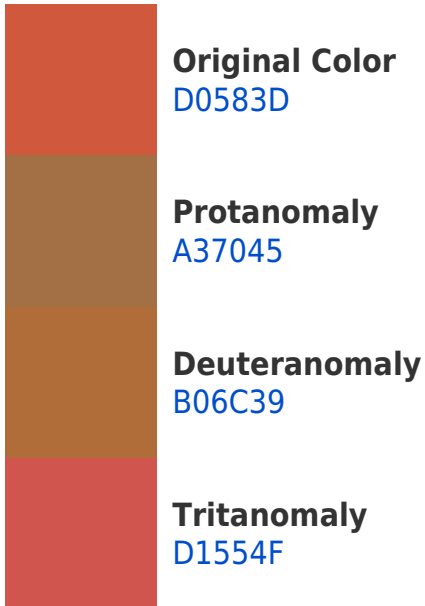
**Protanopia**  
8A7E4A

**Deuteranopia**  
9D7836



**Tritanopia**  
D1545A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0583D 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 #D0583D looks like.

```
.text, #text, p{  
    color:#D0583D  
}
```

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 #D0583D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0583D
}
```

## Border

The CSS property to change the border of an element to Hex D0583D 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
#D0583D }
```

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

```
.border{ border-color:#D0583D }
```

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

Here you see how a box with a 4 pixel #D0583D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0583D; -webkit-box-shadow:4px 4px  
4px 4px #D0583D; box-shadow:4px 4px 4px  
4px #D0583D }
```

# Background

The CSS property to change the background color of an element to Hex D0583D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0583D }
```

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

```
.background{ background-color:#D0583D }
```

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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