

# Converting Colors

Hex(DD533C)

Have a look what the booklet for  
Hex(DD533C) contains.

<b>Hex(DD533C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(DD533C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD533C
RGB	221, 83, 60
RGB Percent	87%, 33%, 24%
CMY	0.1333, 0.6745, 0.7647
CMYK	0.00, 0.62, 0.73, 0.13
HSL	9°, 70%, 55%
HSV	9°, 73%, 87%
XYZ	33.7277, 21.8849, 6.7215
YIQ	121.6400, 89.6310, 22.1030

# Conversions

## Conversions Part 2

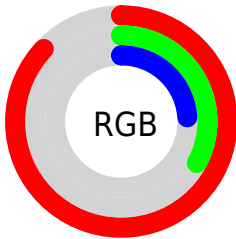
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 87, 60
Decimal	14504764
CIE <sub>Lab</sub>	53.90, 52.67, 41.48
CIE <sub>LCh</sub>	54, 67.046, 38.222
Yxy	21.8849, 0.5411, 0.3511
Android (android.graphics.Color)	4292694844 (0xFFDD533C)
YUV	121.6400, -30.3885, 87.1387
Hunter-Lab	46.7813, 46.8249, 24.2281

# Details

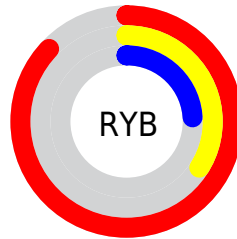
The Hex color **DD533C** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3CC6DD**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF8A6D**, and **9F170F** is the 20% darker color. If you saturate the color by 10%, you get **DD4026**, and if you desaturate by 10%, it is **DD6652**.

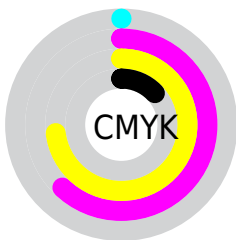
# Distribution



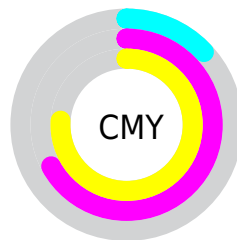
- Red (87%)
- Green (33%)
- Blue (24%)



- Red (87%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD533C 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 DD533C by changing the saturation by 10% instead.



 DD533C

 DD533C

FFFFFF

 BE3725

 FF8A6D

 9F170F

 FFA686

 800000

 FFC2A1

 620000

 FFDFBC

 450001

 FFFCD8

 280001

 FFFFF4

 000000

 DD533C

 DD533C

 DD4026

 DD6652

 DD2D10

 DD7968

 DD2000

 DD8C7E

 DD9F94

 DDB2AB

 DDC5C1

 DDD8D7

 DDEBED

 DDFDFF

# Harmonies

## Analogous

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



E74073



DD533C



BC6E00

# Triad

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



DD533C



009853



0083F4

# Complementary

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



DD533C



3CC6DD

# 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.



0092ED



DD533C



009B90

# Square

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



DD533C



4D9115



009AC7



966ADD

# Rectangle

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



DD533C



9E7D00



009AC7



0089F5



# Sweetspot

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



DD533C



FFCFC7



DD3CC8



80635E



000000



808080



# Same Dimension

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



DD533C



FF4121



DDA23C



6E6463



AD1900



2E0700



# Inverse Universe

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



3CC6DD



21DFFF



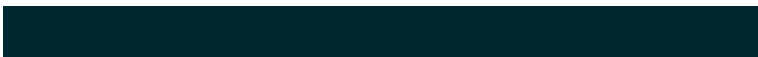
3C77DD



636C6E



0095AD

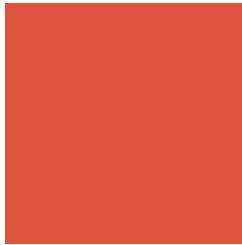


00272E



# Previews

## White Background



This preview shows how the Hex color DD533C looks on a white background.

## Color Contrast Check

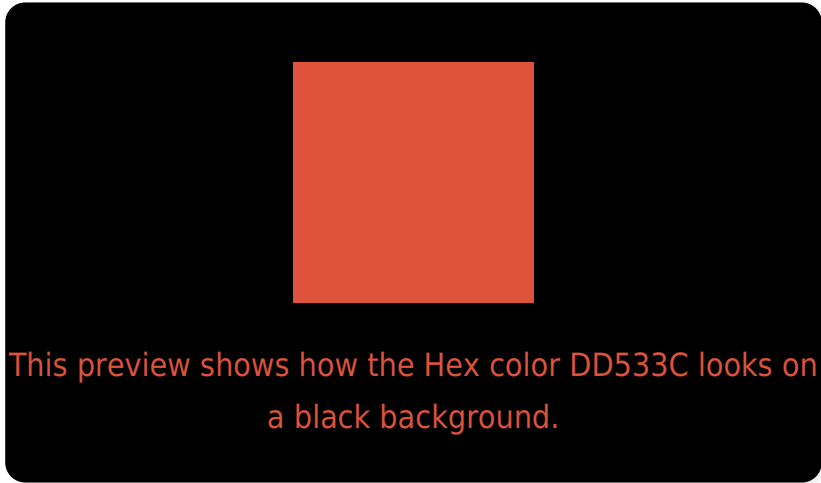
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD533C Background



This preview shows how black text looks on a background with the Hex color DD533C.



This preview shows how white text looks on a background with the Hex color DD533C.

# 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**  
DD533C

**Protanopia**  
8E814B

**Deuteranopia**  
A17B33



# Trichromacy



**Original Color**  
DD533C

**Protanomaly**  
AB7046

**Deuteranomaly**  
B76C36

**Tritanomaly**  
DE514C

# Monochromacy



**Original Color**  
DD533C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
9E6C63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD533C 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 #DD533C looks like.

```
.text, #text, p{  
    color:#DD533C  
}
```

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 #DD533C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD533C }  
}
```

## Border

The CSS property to change the border of an element to Hex DD533C 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 #DD533C }  
}
```

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

```
.border{ border-color:#DD533C }
```

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

Here you see how a box with a 4 pixel #DD533C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD533C; -webkit-box-shadow:4px 4px  
4px 4px #DD533C; box-shadow:4px 4px 4px  
4px #DD533C }
```

# Background

The CSS property to change the background color of an element to Hex DD533C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD533C }
```

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

```
.background{ background-color:#DD533C }
```

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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