

# Converting Colors

Hex(D03857)

Have a look what the booklet for  
Hex(D03857) contains.

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# Color

**Hex(D03857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D03857
RGB	208, 56, 87
RGB Percent	82%, 22%, 34%
CMY	0.1843, 0.7804, 0.6588
CMYK	0.00, 0.73, 0.58, 0.18
HSL	348°, 62%, 52%
HSV	348°, 73%, 82%
XYZ	29.1469, 16.9264, 10.7477
YIQ	104.9820, 80.6410, 41.8650

# Conversions

## Conversions Part 2

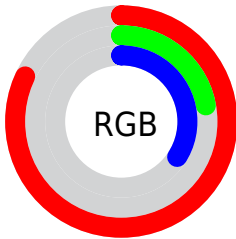
Format	Color
<a href="#">RYB</a>	<a href="#">208, 56, 87</a>
Decimal	<a href="#">13645911</a>
CIELab	<a href="#">48.17, 60.59, 18.20</a>
CIElCh	<a href="#">48, 63.267, 16.721</a>
Yxy	<a href="#">16.9264, 0.5130, 0.2979</a>
Android (android.graphics.Color)	<a href="#">4291835991 (0xFFD03857)</a>
YUV	<a href="#">104.9820, -8.8651, 90.3468</a>
Hunter-Lab	<a href="#">41.1417, 54.4608, 13.3104</a>

# Details

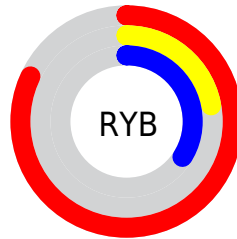
The Hex color **D03857** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **38D0B1**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF7289**, and **93002A** is the 20% darker color. If you saturate the color by 10%, you get **D02346**, and if you desaturate by 10%, it is **D04D68**.

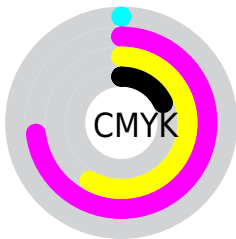
# Distribution



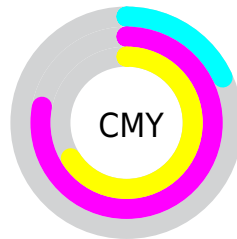
- Red (82%)
- Green (22%)
- Blue (34%)



- Red (82%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (73%)
- Yellow (58%)
- Black (18%)



- Cyan (18%)
- Magenta (78%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D03857 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 D03857 by changing the saturation by 10% instead.



 D03857

 D03857

FFFFFF

 B11240

 FF7289

 93002A

 FF8EA3

 750016

 FFABBE

 570000

 FFC8D9

 3B0003

 FFE5F6

 150000

 000000

 D03857

 D03857

 D02346

 D04D68

 D00E36

 D06278

 D0002A

 D07689

 D08B99

 D0A0AA

 D0B5BA

 D0CACB

 D0DEDB

 D0F3EC

# Harmonies

## Analogous

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



C53B8C



D03857



C04F25

# Triad

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



D03857



288420



007FDB

# Complementary

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



D03857



38D0B1

# 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.



0088C0



D03857



008958

# Square

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



D03857



6E7900



008A90



316EDA

# Rectangle

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



D03857



AB6000



008A90



0083D5



# Sweetspot

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



D03857



FFC7D2



AF38D0



805E65



000000



808080



# Same Dimension

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



D03857



FF1F4C



D06338



695E60



A80022



290008



# Inverse Universe

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



D03857



FF1F4C



38A5D0



695E60



A80022



290008



# Previews

## White Background



This preview shows how the Hex color D03857 looks on a white background.

## Color Contrast Check

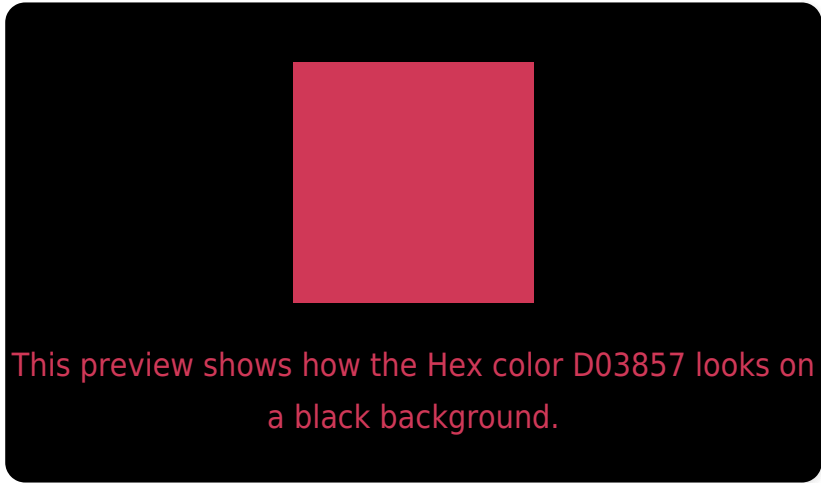
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex D03857 Background



This preview shows how black text looks on a background with the Hex color D03857.

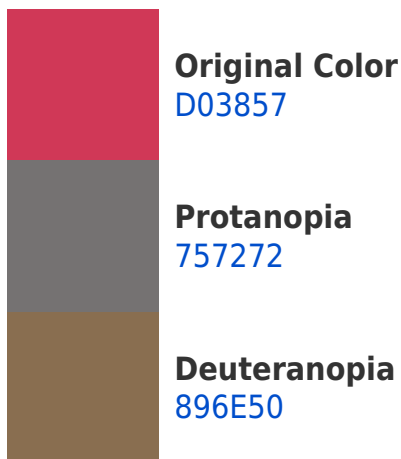


This preview shows how white text looks on a background with the Hex color D03857.

# Color Blindness Simulation

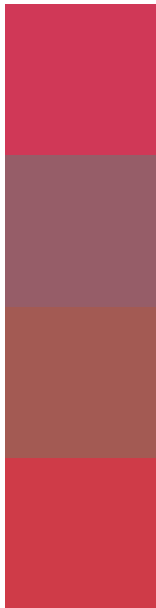
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



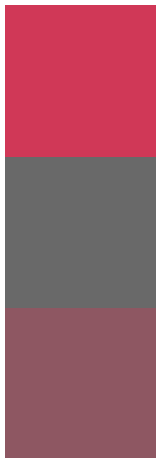
**Original Color**  
D03857

**Protanomaly**  
965D68

**Deuteranomaly**  
A35A53

**Tritanomaly**  
CF3B48

# Monochromacy



**Original Color**  
D03857

**Achromatopsia**  
696969

**Achromatomaly**  
8E5762

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D03857 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 #D03857 looks like.

```
.text, #text, p{  
    color:#D03857  
}
```

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 #D03857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D03857  
}
```

## Border

The CSS property to change the border of an element to Hex D03857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

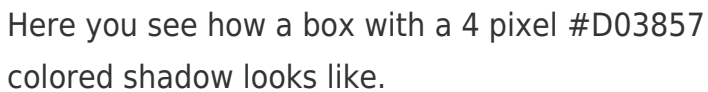
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D03857 }
```

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

```
.border{ border-color:#D03857 }
```

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



Here you see how a box with a 4 pixel #D03857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D03857; -webkit-box-shadow:4px 4px  
4px 4px #D03857; box-shadow:4px 4px 4px  
4px #D03857 }
```

# Background

The CSS property to change the background color of an element to Hex D03857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D03857 }
```

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

```
.background{ background-color:#D03857 }
```

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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