

# Converting Colors

Hex(D1383A)

Have a look what the booklet for  
Hex(D1383A) contains.

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**Color**

**Hex(D1383A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1383A
RGB	209, 56, 58
RGB Percent	82%, 22%, 23%
CMY	0.1804, 0.7804, 0.7725
CMYK	0.00, 0.73, 0.72, 0.18
HSL	359°, 62%, 52%
HSV	359°, 73%, 82%
XYZ	28.4724, 16.6891, 5.7237
YIQ	101.9750, 90.5460, 33.0580

# Conversions

## Conversions Part 2

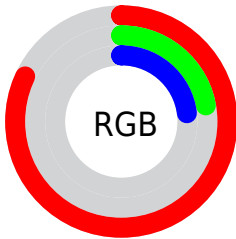
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 56, 58</a>
Decimal	<a href="#">13711418</a>
CIELab	<a href="#">47.87, 59.27, 35.19</a>
CIElCh	<a href="#">48, 68.930, 30.701</a>
Yxy	<a href="#">16.6891, 0.5595, 0.3280</a>
Android (android.graphics.Color)	<a href="#">4291901498 (0xFFD1383A)</a>
YUV	<a href="#">101.9750, -21.6797, 93.8609</a>
Hunter-Lab	<a href="#">40.8523, 52.9155, 20.2898</a>

# Details

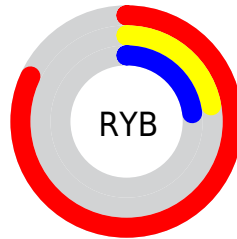
The Hex color **D1383A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **38D1CF**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF726A**, and **93000F** is the 20% darker color. If you saturate the color by 10%, you get **D12325**, and if you desaturate by 10%, it is **D14D4F**.

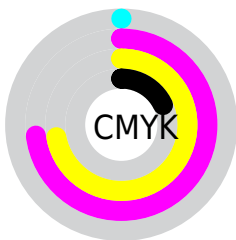
# Distribution



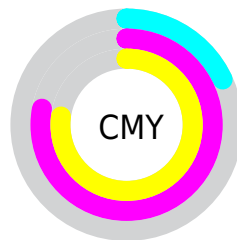
- Red (82%)
- Green (22%)
- Blue (23%)



- Red (82%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (18%)



- Cyan (18%)
- Magenta (78%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1383A 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 D1383A by changing the saturation by 10% instead.



 D1383A

 D1383A

FFFFFF

 B21324

 FF726A

 93000F

 FF8E83

 740000

 FFAA9D

 550000

 FFC7B8

 390002

 FFE4D4

 110000

 FFFFF0

 000000

 D1383A

 D1383A

 D12325

 D14D4F

 D10E11

 D16263

 D10003

 D17778

 D18C8D

 D1A1A1

 D1B5B6

 D1CACA

 D1DFDF

 D1F4F4

# Harmonies

## Analogous

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



D42773



D1383A



B55700

# Triad

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



D1383A



008734



0079E7

# Complementary

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



D1383A



38D1CF

# 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.



0086D7



D1383A



008A71

# Square

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



D1383A



4E7F00



008AAC



6C61D7

# Rectangle

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



D1383A



996900



008AAC



007EE5



# Sweetspot

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



D1383A



FFC7C8



CE38D1



805E5F



000000



808080



# Same Dimension

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



D1383A



FF1F22



D18238



695E5E



A80002



290001



# Inverse Universe

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



D1383A



FF1F22



3887D1



695E5E



A80002



290001



# Previews

## White Background



This preview shows how the Hex color D1383A looks on a white background.

## Color Contrast Check

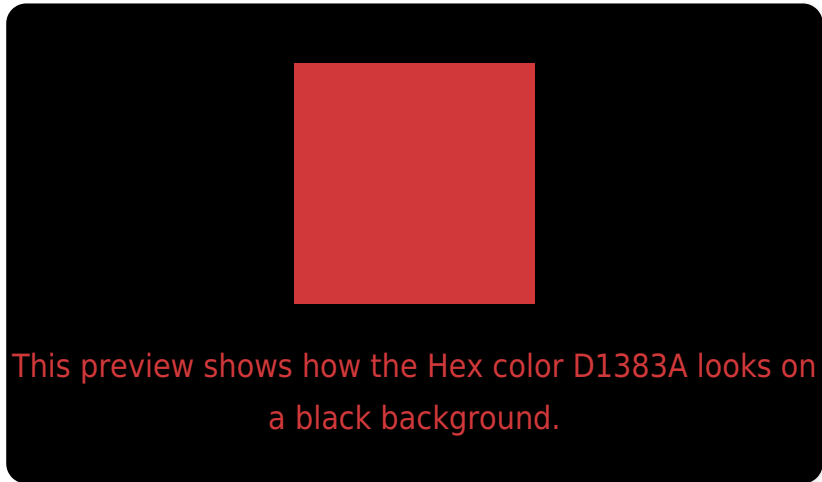
Large Text (above 18pt) WCAG AA ✓ Pass

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 D1383A Background



This preview shows how black text looks on a background with the Hex color D1383A.



This preview shows how white text looks on a background with the Hex color D1383A.

# 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**  
D1383A

**Protanopia**  
7C724E

**Deuteranopia**  
8E6D31



# Trichromacy



**Original Color**  
D1383A

**Protanomaly**  
9B5D47

**Deuteranomaly**  
A65A34

**Tritanomaly**  
D1383A

# Monochromacy



**Original Color**  
D1383A

**Achromatopsia**  
666666

**Achromatomaly**  
8D5556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1383A 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 #D1383A looks like.

```
.text, #text, p{  
    color:#D1383A  
}
```

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 #D1383A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1383A
}
```

## Border

The CSS property to change the border of an element to Hex D1383A is called "border". The border property can be set on classes, ids or directly on the HTML element.

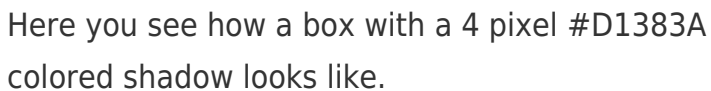
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D1383A }
```

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

```
.border{ border-color:#D1383A }
```

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



Here you see how a box with a 4 pixel #D1383A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1383A; -webkit-box-shadow:4px 4px  
4px 4px #D1383A; box-shadow:4px 4px 4px  
4px #D1383A }
```

# Background

The CSS property to change the background color of an element to Hex D1383A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1383A }
```

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

```
.background{ background-color:#D1383A }
```

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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