

# Converting Colors

Hex(C53D3D)

Have a look what the booklet for  
Hex(C53D3D) contains.

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# Color

**Hex(C53D3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C53D3D
RGB	197, 61, 61
RGB Percent	77%, 24%, 24%
CMY	0.2275, 0.7608, 0.7608
CMYK	0.00, 0.69, 0.69, 0.23
HSL	0°, 54%, 51%
HSV	0°, 69%, 77%
XYZ	25.5370, 15.5447, 6.0694
YIQ	101.6640, 81.0560, 28.8320

# Conversions

## Conversions Part 2

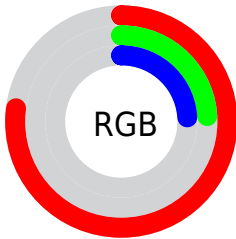
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 61, 61
Decimal	12926269
CIELab	46.37, 53.79, 31.14
CIElCh	46, 62.156, 30.063
Yxy	15.5447, 0.5416, 0.3297
Android (android.graphics.Color)	4291116349 (0xFFC53D3D)
YUV	101.6640, -20.0474, 83.6097
Hunter-Lab	39.4268, 46.6188, 18.4717

# Details

The Hex color **C53D3D** 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 **3DC5C5**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF746D**, and **880012** is the 20% darker color. If you saturate the color by 10%, you get **C52929**, and if you desaturate by 10%, it is **C55151**.

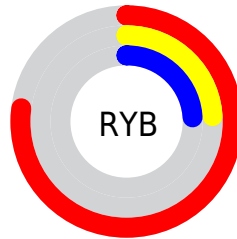
# Distribution



Red (77%)

Green (24%)

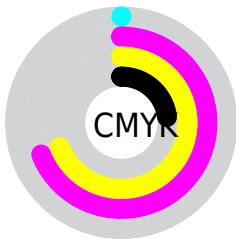
Blue (24%)



Red (77%)

Yellow (24%)

Blue (24%)

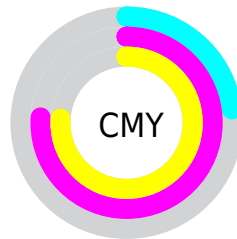


Cyan (0%)

Magenta (69%)

Yellow (69%)

Black (23%)



Cyan (23%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C53D3D 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 C53D3D by changing the saturation by 10% instead.



 C53D3D

 C53D3D

FFFFFF

 A61E27

 FF746D

 880012

 FF9086

 6A0000

 FFACA0

 4C0000

 FFC9BB

 310002

 FFE6D7

 000000

 FFFFF4

 C53D3D

 C53D3D

 C52929

 C55151

 C51616

 C56464

 C50202

 C57878

 C50000

 C58C8C

 C5A0A0

 C5B3B3

 C5C7C7

 C5DBDB

 C5EEEE

# Harmonies

## Analogous

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



C73270



C53D3D



AC5606

# Triad

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



C53D3D



008136



0074D7

# Complementary

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



C53D3D



3DC5C5

# 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.



0080C8



C53D3D



00856C

# Square

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



C53D3D



517A00



0085A1



6960C9

# Rectangle

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



C53D3D



936500



0085A1



0079D5



# Sweetspot

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



C53D3D



FFC9C9



C53DC5



806060



000000



808080



# Same Dimension

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



C53D3D



FF2B2B



C5813D



635A5A



A30000



240000



# Inverse Universe

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



3DC5C5



2BFFFF



3D81C5



5A6363



00A3A3



002424



# Previews

## White Background



This preview shows how the Hex color C53D3D looks on a white background.

## Color Contrast Check

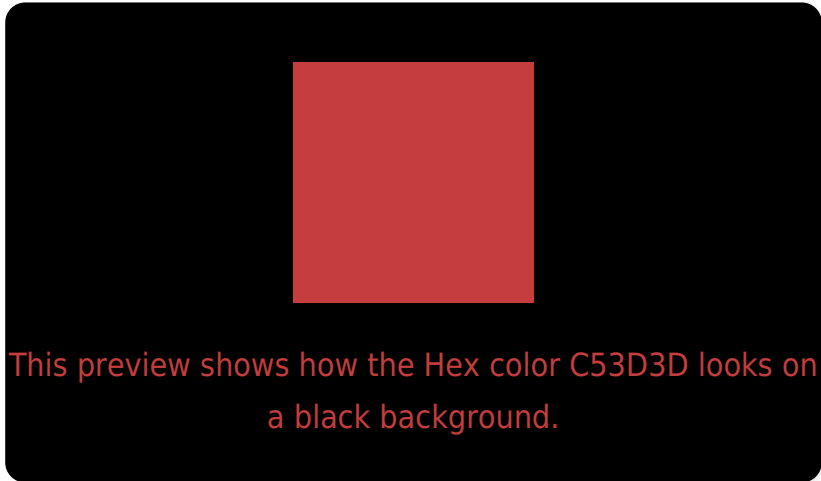
Large Text (above 18pt) WCAG AA ✓ Pass

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 C53D3D Background



This preview shows how black text looks on a background with the Hex color C53D3D.



This preview shows how white text looks on a background with the Hex color C53D3D.

# 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**  
C53D3D

**Protanopia**  
776F4F

**Deuteranopia**  
886935



# Trichromacy



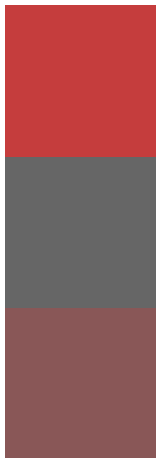
**Original Color**  
C53D3D

**Protanomaly**  
935D48

**Deuteranomaly**  
9E5938

**Tritanomaly**  
C53D3F

# Monochromacy



**Original Color**  
C53D3D

**Achromatopsia**  
666666

**Achromatomaly**  
895757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C53D3D 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 #C53D3D looks like.

```
.text, #text, p{  
    color:#C53D3D  
}
```

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 #C53D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C53D3D
}
```

## Border

The CSS property to change the border of an element to Hex C53D3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

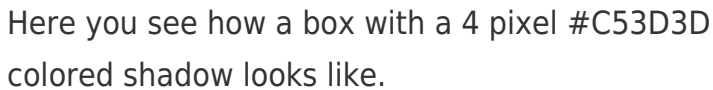
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C53D3D }
```

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

```
.border{ border-color:#C53D3D }
```

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



Here you see how a box with a 4 pixel `#C53D3D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C53D3D; -webkit-box-shadow:4px 4px  
4px 4px #C53D3D; box-shadow:4px 4px 4px  
4px #C53D3D }
```

# Background

The CSS property to change the background color of an element to Hex C53D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C53D3D }
```

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

```
.background{ background-color:#C53D3D }
```

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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