

Converting Colors

Hex(D13759)

Have a look what the booklet for
Hex(D13759) contains.

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Color

Hex(D13759)

Conversions

Conversions Part 1

Format	Color
Hex	D13759
RGB	209, 55, 89
RGB Percent	82%, 22%, 35%
CMY	0.1804, 0.7843, 0.6510
CMYK	0.00, 0.74, 0.57, 0.18
HSL	347°, 63%, 52%
HSV	347°, 74%, 82%
XYZ	29.4639, 17.0090, 11.1813
YIQ	104.9220, 80.8700, 43.2220

Conversions

Conversions Part 2

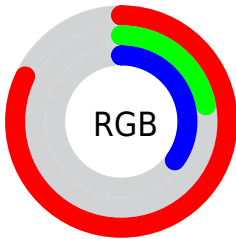
Format	Color
RYB	209, 55, 89
Decimal	13711193
CIELab	48.27, 61.36, 17.16
CIElCh	48, 63.714, 15.620
Yxy	17.0090, 0.5110, 0.2950
Android (android.graphics.Color)	4291901273 (0xFFD13759)
YUV	104.9220, -7.8495, 91.2764
Hunter-Lab	41.2419, 55.3498, 12.7949

Details

The Hex color **D13759** 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 **37D1AF**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF728B**, and **94002C** is the 20% darker color. If you saturate the color by 10%, you get **D12249**, and if you desaturate by 10%, it is **D14C69**.

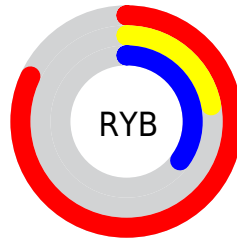
Distribution



Red (82%)

Green (22%)

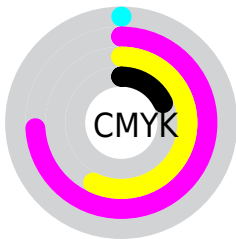
Blue (35%)



Red (82%)

Yellow (22%)

Blue (35%)

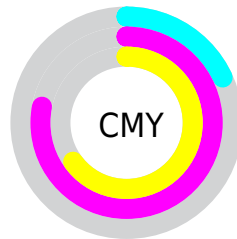


Cyan (0%)

Magenta (74%)

Yellow (57%)

Black (18%)



Cyan (18%)

Magenta (78%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color D13759 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 D13759 by changing the saturation by 10% instead.

 D13759

 D13759

FFFFFF

 B20F42

 FF728B

 94002C

 FF8EA5

 760018

 FFABC0

 580000

 FFC7DC

 3C0003

 FFE5F8

 170000

 000000

 D13759

 D13759

 D12249

 D14C69

 D10D38

 D1617A

 D1002E

 D1768A

 D18B9A

 D1A0AA

 D1B4BB

 D1C9CB

 D1DEDB

 D1F3EC

Harmonies

Analogous

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



C53B8F



D13759



C24E26

Triad

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



D13759



2B841D



0080DB

Complementary

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



D13759



37D1AF

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.



0088BF



D13759



008956

Square

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



D13759



707900



008B8E



266FDB

Rectangle

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



D13759



AD5F00



008B8E



0084D5

Sweetspot

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



D13759



FFC7D3



AD37D1



805E66



000000



808080

Same Dimension

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



D13759



FF1F50



D16037



695E60



A80025



290009

Inverse Universe

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



D13759



FF1F50



37A8D1



695E60



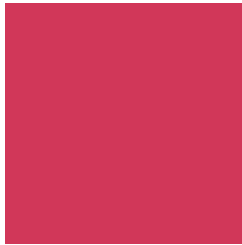
A80025



290009

Previews

White Background



This preview shows how the Hex color D13759 looks on a white background.

Color Contrast Check

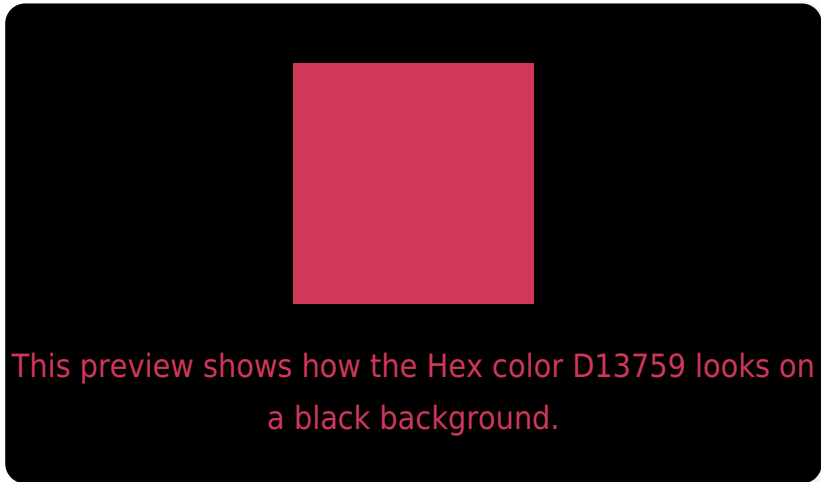
Large Text (above 18pt) WCAG AA ✓ Pass

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 D13759 Background



This preview shows how black text looks on a background with the Hex color D13759.



This preview shows how white text looks on a background with the Hex color D13759.

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
D13759

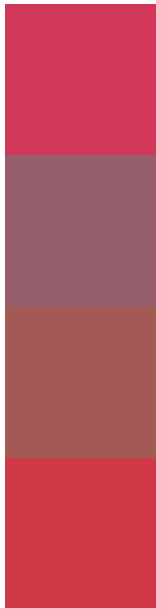
Protanopia
757375

Deuteranopia
896E51



Tritanopia
D03C3F

Trichromacy



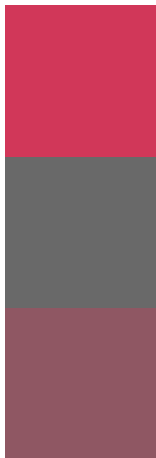
Original Color
D13759

Protanomaly
965D6B

Deuteranomaly
A35A54

Tritanomaly
D03A48

Monochromacy



Original Color
D13759

Achromatopsia
696969

Achromatomaly
8F5763

CSS Examples

Text

The CSS property to change the color of the text to Hex D13759 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 #D13759 looks like.

```
.text, #text, p{  
    color:#D13759  
}
```

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 #D13759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13759
}
```

Border

The CSS property to change the border of an element to Hex D13759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

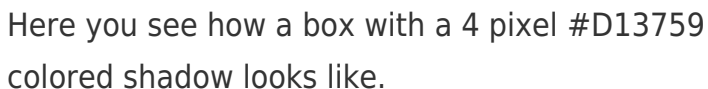
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D13759 }
```

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

```
.border{ border-color:#D13759 }
```

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



Here you see how a box with a 4 pixel #D13759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13759; -webkit-box-shadow:4px 4px  
4px 4px #D13759; box-shadow:4px 4px 4px  
4px #D13759 }
```

Background

The CSS property to change the background color of an element to Hex D13759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13759 }
```

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

```
.background{ background-color:#D13759 }
```

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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