

Converting Colors

Hex(D93D42)

Have a look what the booklet for
Hex(D93D42) contains.

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Color

Hex(D93D42)

Conversions

Conversions Part 1

Format	Color
Hex	D93D42
RGB	217, 61, 66
RGB Percent	85%, 24%, 26%
CMY	0.1490, 0.7608, 0.7412
CMYK	0.00, 0.72, 0.70, 0.15
HSL	358°, 67%, 55%
HSV	358°, 72%, 85%
XYZ	31.2674, 18.4825, 7.0738
YIQ	108.2140, 91.3710, 34.6270

Conversions

Conversions Part 2

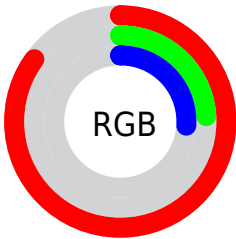
Format	Color
RYB	217, 61, 66
Decimal	14236994
CIELab	50.08, 60.35, 33.52
CIELCh	50, 69.035, 29.052
Yxy	18.4825, 0.5503, 0.3253
Android (android.graphics.Color)	4292427074 (0xFFD93D42)
YUV	108.2140, -20.8115, 95.4053
Hunter-Lab	42.9913, 54.5873, 20.3384

Details

The Hex color **D93D42** 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 **3DD9D4**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7772**, and **9A0017** is the 20% darker color. If you saturate the color by 10%, you get **D9272D**, and if you desaturate by 10%, it is **D95357**.

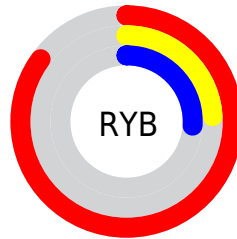
Distribution



Red (85%)

Green (24%)

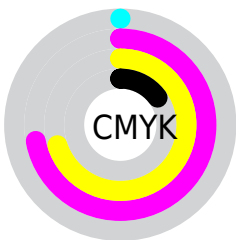
Blue (26%)



Red (85%)

Yellow (24%)

Blue (26%)

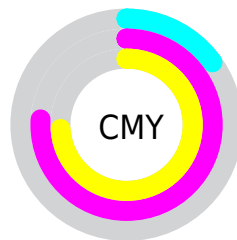


Cyan (0%)

Magenta (72%)

Yellow (70%)

Black (15%)



Cyan (15%)

Magenta (76%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color D93D42 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 D93D42 by changing the saturation by 10% instead.

 D93D42

 D93D42

FFFFFF

 BA1A2C

 FF7772

 9A0017

 FF938C

 7C0000

 FFB0A6

 5D0000

 FFCCC1

 410003

 FFEADD

 1F0001

 FFFFFA

 000000

 D93D42

 D93D42

 D9272D

 D95357

 D91218

 D9686C

 D90007

 D97E81

 D99496

 D9AAAB

 D9BFC0

 D9D5D5

 D9EBEA

 D9FFFF

Harmonies

Analogous

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



DA2F7C



D93D42



BE5B00

Triad

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



D93D42



008D36



007FEE

Complementary

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



D93D42



3DD9D4

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.



008CDC



D93D42



009073

Square

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



D93D42



578400



0091AF



6D68DF

Rectangle

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



D93D42



A26D00



0091AF



0085EB

Sweetspot

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



D93D42



FFC7C9



D43DD9



805E5F



000000



808080

Same Dimension

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



D93D42



FF242B



D9863D



6E6363



AD0006



2E0001

Inverse Universe

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



D93D42



FF242B



3D90D9



6E6363



AD0006



2E0001

Previews

White Background



This preview shows how the Hex color D93D42 looks on a white background.

Color Contrast Check

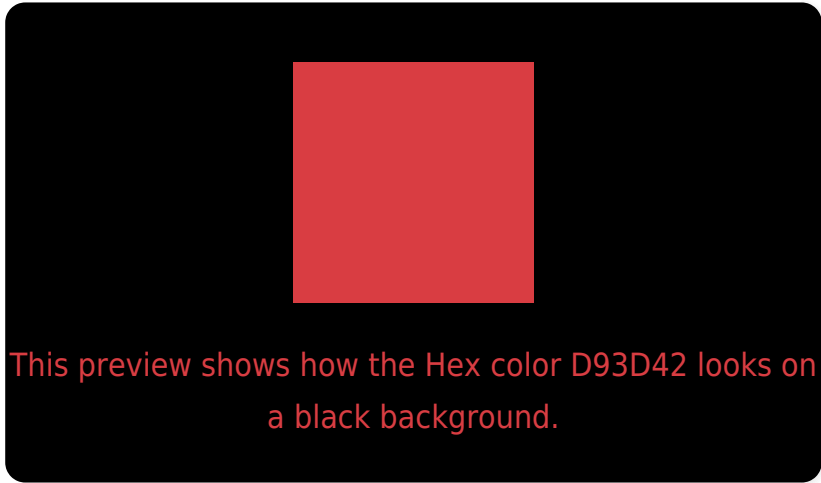
Large Text (above 18pt) WCAG AA ✓ Pass

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 D93D42 Background



This preview shows how black text looks on a background with the Hex color D93D42.



This preview shows how white text looks on a background with the Hex color D93D42.

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
D93D42

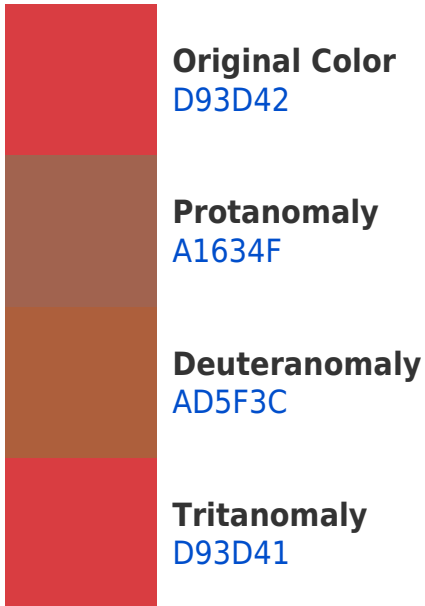
Protanopia
817857

Deuteranopia
947239

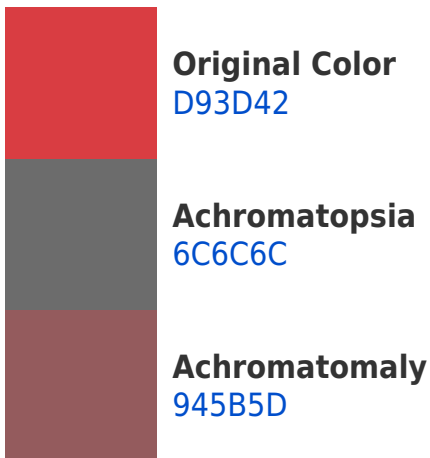


Tritanopia
D93D40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D93D42 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 #D93D42 looks like.

```
.text, #text, p{  
    color:#D93D42  
}
```

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 #D93D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93D42
}
```

Border

The CSS property to change the border of an element to Hex D93D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

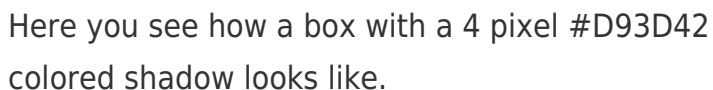
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D93D42 }
```

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

```
.border{ border-color:#D93D42 }
```

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



Here you see how a box with a 4 pixel `#D93D42` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93D42; -webkit-box-shadow:4px 4px  
4px 4px #D93D42; box-shadow:4px 4px 4px  
4px #D93D42 }
```

Background

The CSS property to change the background color of an element to Hex D93D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93D42 }
```

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

```
.background{ background-color:#D93D42 }
```

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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