

Converting Colors

Hex(D93D32)

Have a look what the booklet for
Hex(D93D32) contains.

Hex(D93D32)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D93D32)

Conversions

Conversions Part 1

Format	Color
Hex	D93D32
RGB	217, 61, 50
RGB Percent	85%, 24%, 20%
CMY	0.1490, 0.7608, 0.8039
CMYK	0.00, 0.72, 0.77, 0.15
HSL	4°, 69%, 52%
HSV	4°, 77%, 85%
XYZ	30.8597, 18.3195, 4.9271
YIQ	106.3900, 96.5070, 29.6510

Conversions

Conversions Part 2

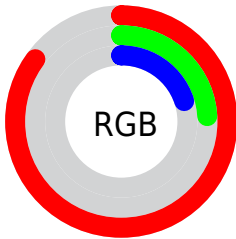
Format	Color
RYB	217, 62, 50
Decimal	14236978
CIELab	49.88, 59.68, 42.32
CIELCh	50, 73.163, 35.339
Yxy	18.3195, 0.5704, 0.3386
Android (android.graphics.Color)	4292427058 (0xFFD93D32)
YUV	106.3900, -27.8003, 97.0050
Hunter-Lab	42.8013, 53.7964, 23.1356

Details

The Hex color **D93D32** 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 **32CED9**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7662**, and **9A0005** is the 20% darker color. If you saturate the color by 10%, you get **D9291C**, and if you desaturate by 10%, it is **D95148**.

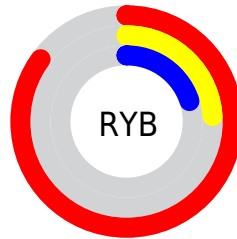
Distribution



Red (85%)

Green (24%)

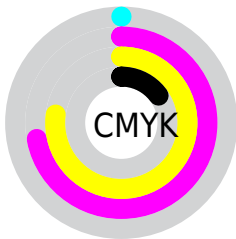
Blue (20%)



Red (85%)

Yellow (24%)

Blue (20%)

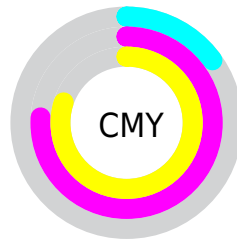


Cyan (0%)

Magenta (72%)

Yellow (77%)

Black (15%)



Cyan (15%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D93D32 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 D93D32 by changing the saturation by 10% instead.

 D93D32

 D93D32

FFFFFF

 B91A1C

 FF7662

 9A0005

 FF937B

 7B0000

 FFAF95

 5C0000

 FFCCB0

 400003

 FFE9CB

 1E0001

 FFFFEE

 000000

 D93D32

 D93D32

 D9291C

 D95148

 D91407

 D9665D

 D90E00

 D97A73

 D98E89

 D9A29F

 D9B7B4

 D9CBCA

 D9DFE0

 D9F3F5

Harmonies

Analogous

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



E1226E



D93D32



B85F00

Triad

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



D93D32



008E3F



007BF4

Complementary

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



D93D32



32CED9

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.



008BE8



D93D32



009180

Square

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



D93D32



438700



0091BE



8160DD

Rectangle

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



D93D32



987100



0091BE



0082F4

Sweetspot

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



D93D32



FFC8C4



D932D1



805E5C



000000



808080

Same Dimension

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



D93D32



FF2414



D98E32



6E6363



AD0B00



2E0300

Inverse Universe

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



32CED9



14FOFF



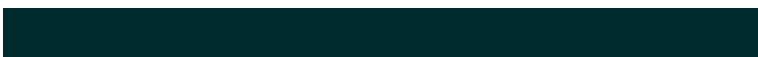
327DD9



636D6E



00A2AD



002B2E

Previews

White Background



This preview shows how the Hex color D93D32 looks on a white background.

Color Contrast Check

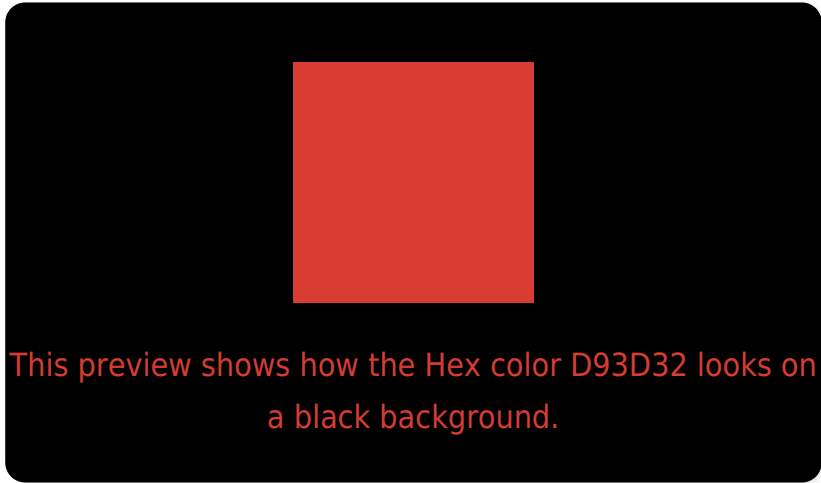
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 D93D32 Background



This preview shows how black text looks on a background with the Hex color D93D32.



This preview shows how white text looks on a background with the Hex color D93D32.

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
D93D32

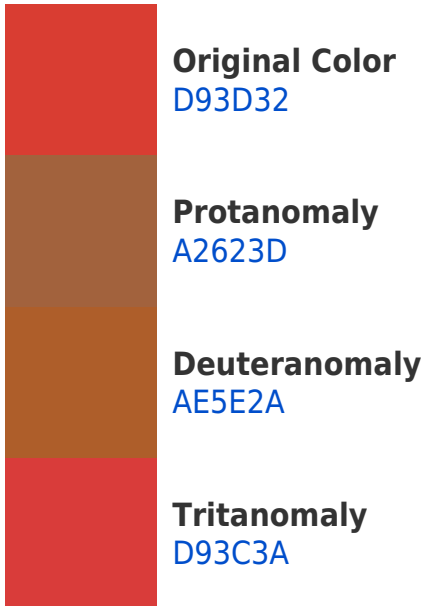
Protanopia
837744

Deuteranopia
957126

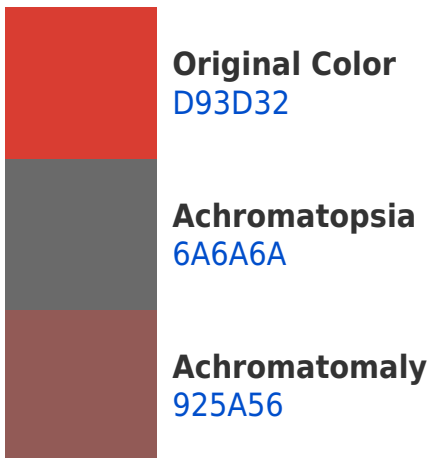


Tritanopia
D93B3E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D93D32 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 #D93D32 looks like.

```
.text, #text, p{  
    color:#D93D32  
}
```

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 #D93D32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93D32
}
```

Border

The CSS property to change the border of an element to Hex D93D32 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
#D93D32 }
```

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

```
.border{ border-color:#D93D32 }
```

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

Here you see how a box with a 4 pixel #D93D32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93D32; -webkit-box-shadow:4px 4px  
4px 4px #D93D32; box-shadow:4px 4px 4px  
4px #D93D32 }
```

Background

The CSS property to change the background color of an element to Hex D93D32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93D32 }
```

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

```
.background{ background-color:#D93D32 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor