

Converting Colors

Hex(D93F34)

Have a look what the booklet for
Hex(D93F34) contains.

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Color

Hex(D93F34)

Conversions

Conversions Part 1

Format	Color
Hex	D93F34
RGB	217, 63, 52
RGB Percent	85%, 25%, 20%
CMY	0.1490, 0.7529, 0.7961
CMYK	0.00, 0.71, 0.76, 0.15
HSL	4°, 68%, 53%
HSV	4°, 76%, 85%
XYZ	31.0126, 18.5547, 5.1957
YIQ	107.7920, 95.3150, 29.2270

Conversions

Conversions Part 2

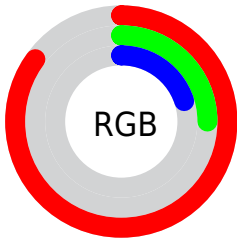
Format	Color
R_{YB}	217, 64, 52
Decimal	14237492
CIE _{Lab}	50.16, 59.04, 41.53
CIE _{LCh}	50, 72.183, 35.124
Yxy	18.5547, 0.5663, 0.3388
Android (android.graphics.Color)	4292427572 (0xFFD93F34)
YUV	107.7920, -27.5055, 95.7754
Hunter-Lab	43.0751, 53.1324, 23.0011

Details

The Hex color **D93F34** 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 **34CED9**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF7864**, and **9A0007** is the 20% darker color. If you saturate the color by 10%, you get **D92B1E**, and if you desaturate by 10%, it is **D9534A**.

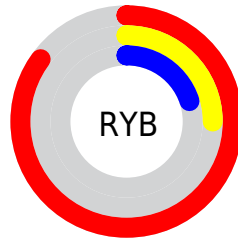
Distribution



Red (85%)

Green (25%)

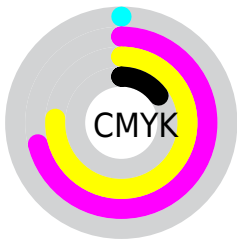
Blue (20%)



Red (85%)

Yellow (25%)

Blue (20%)

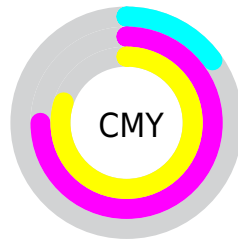


Cyan (0%)

Magenta (71%)

Yellow (76%)

Black (15%)



Cyan (15%)

Magenta (75%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D93F34 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 D93F34 by changing the saturation by 10% instead.

 D93F34

 D93F34

FFFFFF

 B91E1E

 FF7864

 9A0007

 FF947D

 7B0000

 FFB197

 5C0000

 FFCEB2

 410003

 FFEBCB

 1E0001

 FFFFEA

 000000

 D93F34

 D93F34

 D92B1E

 D9534A

 D91609

 D9685F

 D90E00

 D97C75

 D9908B

 D9A4A1

 D9B9B6

 D9CDCC

 D9E1E2

 D9F5F7

Harmonies

Analogous

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



E12670



D93F34



B86000

Triad

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



D93F34



008F40



007CF3

Complementary

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



D93F34



34CED9

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.



008BE7



D93F34



009281

Square

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



D93F34



458700



0091BD



8261DD

Rectangle

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



D93F34



997100



0091BD



0082F3

Sweetspot

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



D93F34



FFC8C4



D934CE



805E5C



000000



808080

Same Dimension

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



D93F34



FF2617



D99234



6E6363



AD0C00



2E0300

Inverse Universe

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



34CED9



17F0FF



347CD9



636D6E



00A2AD



002B2E

Previews

White Background



This preview shows how the Hex color D93F34 looks on a white background.

Color Contrast Check

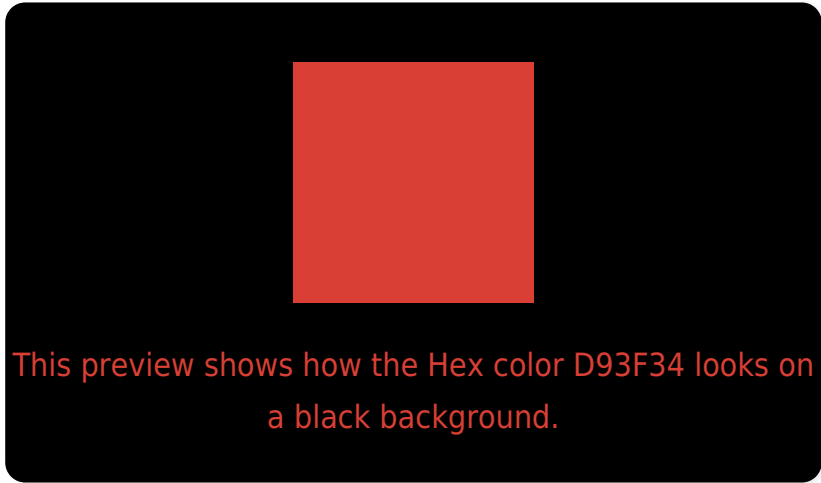
Large Text (above 18pt) WCAG AA ✓ Pass

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 D93F34 Background



This preview shows how black text looks on a background with the Hex color D93F34.



This preview shows how white text looks on a background with the Hex color D93F34.

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](#).

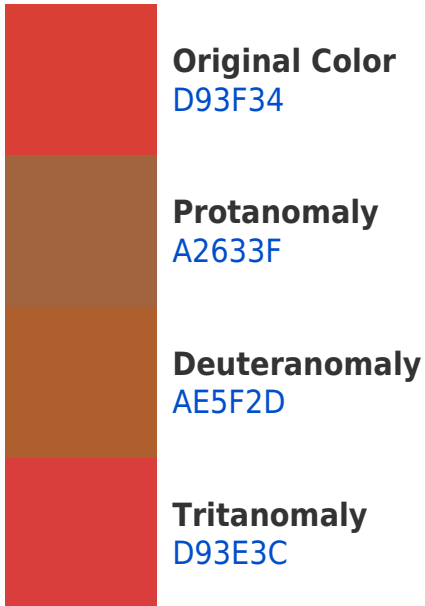
Dichromacy



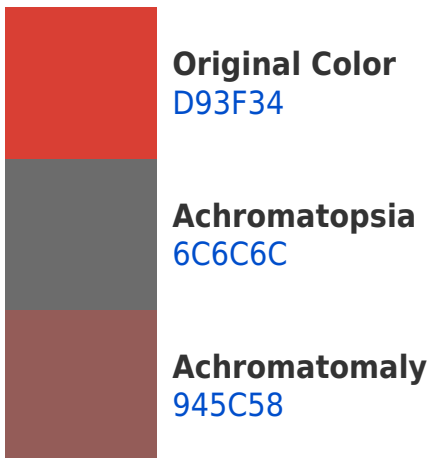


Tritanopia
D93D40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D93F34 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 #D93F34 looks like.

```
.text, #text, p{  
    color:#D93F34  
}
```

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 #D93F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93F34
}
```

Border

The CSS property to change the border of an element to Hex D93F34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

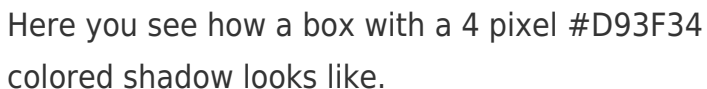
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D93F34 }
```

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

```
.border{ border-color:#D93F34 }
```

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



Here you see how a box with a 4 pixel `#D93F34` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93F34; -webkit-box-shadow:4px 4px  
4px 4px #D93F34; box-shadow:4px 4px 4px  
4px #D93F34 }
```

Background

The CSS property to change the background color of an element to Hex D93F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93F34 }
```

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

```
.background{ background-color:#D93F34 }
```

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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