

Converting Colors

Hex(D93030)

Have a look what the booklet for
Hex(D93030) contains.

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Color

Hex(D93030)

Conversions

Conversions Part 1

Format	Color
Hex	D93030
RGB	217, 48, 48
RGB Percent	85%, 19%, 19%
CMY	0.1490, 0.8118, 0.8118
CMYK	0.00, 0.78, 0.78, 0.15
HSL	0°, 69%, 52%
HSV	0°, 78%, 85%
XYZ	30.2057, 17.0790, 4.5009
YIQ	98.5310, 100.7240, 35.8280

Conversions

Conversions Part 2

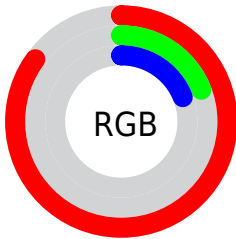
Format	Color
R_{YB}	217, 48, 48
Decimal	14233648
CIE _{Lab}	48.36, 63.80, 41.81
CIE _{LCh}	48, 76.278, 33.240
Yxy	17.0790, 0.5833, 0.3298
Android (android.graphics.Color)	4292423728 (0xFFD93030)
YUV	98.5310, -24.9118, 103.8973
Hunter-Lab	41.3268, 58.1438, 22.4715

Details

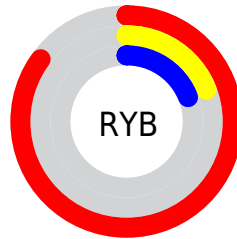
The Hex color **D93030** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30D9D9**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF6D5F**, and **990003** is the 20% darker color. If you saturate the color by 10%, you get **D91A1A**, and if you desaturate by 10%, it is **D94646**.

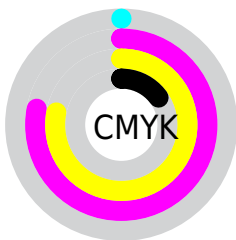
Distribution



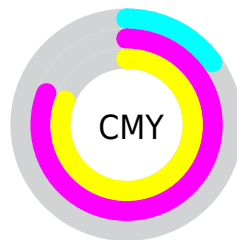
- Red (85%)
- Green (19%)
- Blue (19%)



- Red (85%)
- Yellow (19%)
- Blue (19%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (15%)



- Cyan (15%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D93030 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 D93030 by changing the saturation by 10% instead.

 D93030

 D93030

FFFFFF

 B9001A

 FF6D5F

 990003

 FF8A78

 7A0000

 FFA692

 5B0000

 FFC3AD

 3E0003

 FFE1C8

 1B0001

 FFFEE5

 000000

 D93030

 D93030

 D91A1A

 D94646

 D90505

 D95B5B

 D90000

 D97171

 D98787

 D99D9D

 D9B2B2

 D9C8C8

 D9DEDE

 D9F3F3

Harmonies

Analogous

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



E0056F



D93030



B85800

Triad

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



D93030



008A34



0079F5

Complementary

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



D93030



30D9D9

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.



0088E7



D93030



008E78

Square

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



D93030



418200



008EB9



755EE0

Rectangle

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



D93030



986B00



008EB9



0080F5

Sweetspot

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



D93030



FFC4C4



D930D9



805C5C



000000



808080

Same Dimension

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



D93030



FF1212



D98530



6E6363



AD0000



2E0000

Inverse Universe

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



30D9D9



12FFFF



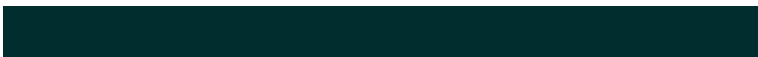
3085D9



636E6E



00ADAD



002E2E

Previews

White Background



This preview shows how the Hex color D93030 looks on a white background.

Color Contrast Check

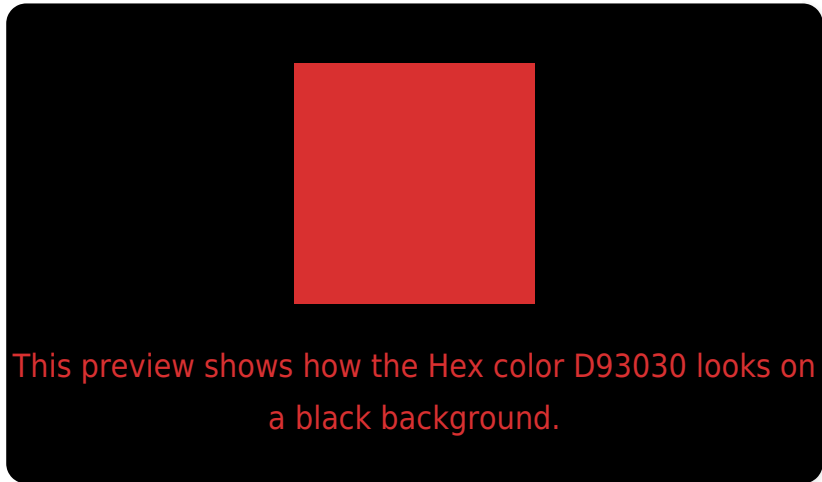
Large Text (above 18pt) WCAG AA ✓ Pass

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 D93030 Background



This preview shows how black text looks on a background with the Hex color D93030.



This preview shows how white text looks on a background with the Hex color D93030.

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
D93030

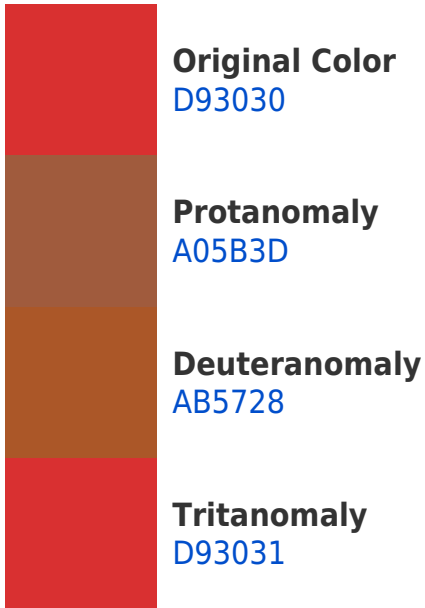
Protanopia
7F7444

Deuteranopia
916E23

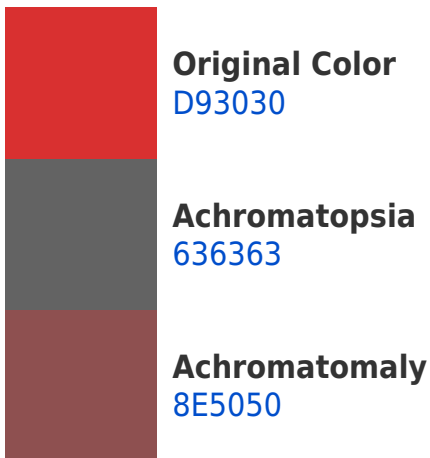


Tritanopia
D93031

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D93030 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 #D93030 looks like.

```
.text, #text, p{  
    color:#D93030  
}
```

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 #D93030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93030
}
```

Border

The CSS property to change the border of an element to Hex D93030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

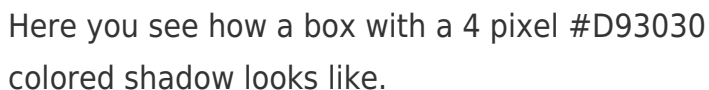
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D93030 }
```

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

```
.border{ border-color:#D93030 }
```

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



Here you see how a box with a 4 pixel `#D93030` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93030; -webkit-box-shadow:4px 4px  
4px 4px #D93030; box-shadow:4px 4px 4px  
4px #D93030 }
```

Background

The CSS property to change the background color of an element to Hex D93030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93030 }
```

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

```
.background{ background-color:#D93030 }
```

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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