

Converting Colors

Hex(D94336)

Have a look what the booklet for
Hex(D94336) contains.

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Color

Hex(D94336)

Conversions

Conversions Part 1

Format	Color
Hex	D94336
RGB	217, 67, 54
RGB Percent	85%, 26%, 21%
CMY	0.1490, 0.7373, 0.7882
CMYK	0.00, 0.69, 0.75, 0.15
HSL	5°, 68%, 53%
HSV	5°, 75%, 85%
XYZ	31.2883, 19.0324, 5.5146
YIQ	110.3680, 93.5730, 27.7570

Conversions

Conversions Part 2

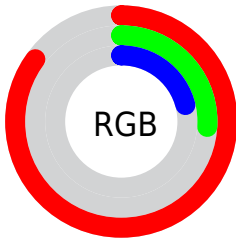
Format	Color
RYB	217, 68, 54
Decimal	14238518
CIELab	50.73, 57.63, 41.05
CIELCh	51, 70.753, 35.460
Yxy	19.0324, 0.5604, 0.3409
Android (android.graphics.Color)	4292428598 (0xFFD94336)
YUV	110.3680, -27.7894, 93.5163
Hunter-Lab	43.6261, 51.6731, 23.0437

Details

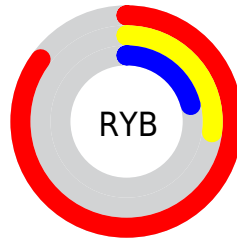
The Hex color **D94336** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36CCD9**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7B66**, and **9A0009** is the 20% darker color. If you saturate the color by 10%, you get **D92F20**, and if you desaturate by 10%, it is **D9574C**.

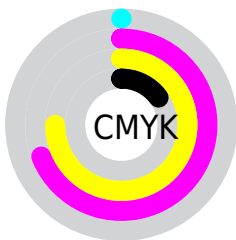
Distribution



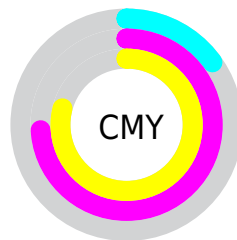
- Red (85%)
- Green (26%)
- Blue (21%)



- Red (85%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (69%)
- Yellow (75%)
- Black (15%)



- Cyan (15%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D94336 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 D94336 by changing the saturation by 10% instead.

 D94336

 D94336

FFFFFF

 B92320

 FF7B66

 9A0009

 FF977F

 7B0000

 FFB499

 5D0000

 FFD1B4

 410003

 FFEED0

 1F0001

 FFFFEC

 000000

 D94336

 D94336

 D92F20

 D9574C

 D91B0B

 D96B61

 D91100

 D97F77

 D9938D

 D9A7A3

 D9BBB8

 D9CFCE

 D9E3E4

 D9F7F9

Harmonies

Analogous

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



E12D70



D94336



B96200

Triad

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



D94336



009043



007DF2

Complementary

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



D94336



36CCD9

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.



008CE7



D94336



009383

Square

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



D94336



488800



0092BE



8563DC

Rectangle

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



D94336



9A7300



0092BE



0083F2

Sweetspot

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



D94336



FFC9C4



D936CE



805F5C



000000



808080

Same Dimension

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



D94336



FF2C19



D99236



6E6463



AD0E00



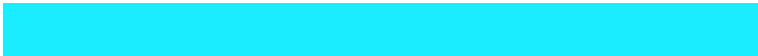
2E0400

Inverse Universe

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



36CCD9



19EDFF



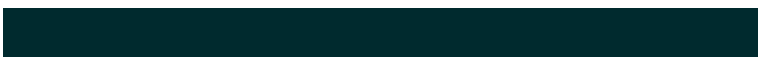
367DD9



636D6E



00A0AD



002A2E

Previews

White Background



This preview shows how the Hex color D94336 looks on a white background.

Color Contrast Check

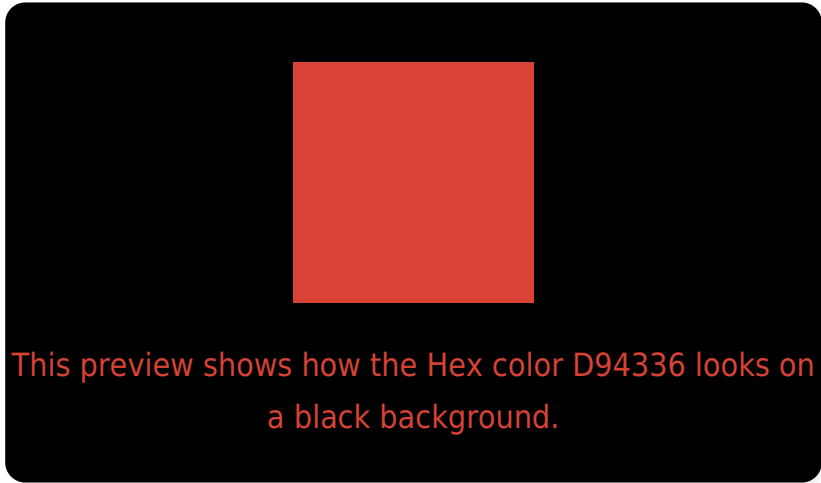
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94336 Background



This preview shows how black text looks on a background with the Hex color D94336.



This preview shows how white text looks on a background with the Hex color D94336.

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
D94336

Protanopia
857947

Deuteranopia
97732C



Tritanopia
D94144

Trichromacy



Original Color
D94336

Protanomaly
A46541

Deuteranomaly
AF6230

Tritanomaly
D9423F

Monochromacy



Original Color
D94336

Achromatopsia
6E6E6E

Achromatomaly
955E5A

CSS Examples

Text

The CSS property to change the color of the text to Hex D94336 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 #D94336 looks like.

```
.text, #text, p{  
    color:#D94336  
}
```

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 #D94336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94336
}
```

Border

The CSS property to change the border of an element to Hex D94336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

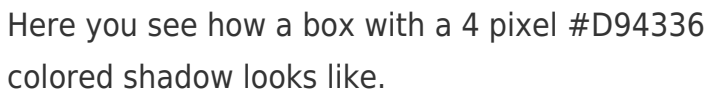
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D94336 }
```

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

```
.border{ border-color:#D94336 }
```

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



Here you see how a box with a 4 pixel #D94336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94336; -webkit-box-shadow:4px 4px  
4px 4px #D94336; box-shadow:4px 4px 4px  
4px #D94336 }
```

Background

The CSS property to change the background color of an element to Hex D94336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94336 }
```

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

```
.background{ background-color:#D94336 }
```

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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