

Converting Colors

Hex(D94546)

Have a look what the booklet for
Hex(D94546) contains.

Hex(D94546)	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(D94546)

Conversions

Conversions Part 1

Format	Color
Hex	D94546
RGB	217, 69, 70
RGB Percent	85%, 27%, 27%
CMY	0.1490, 0.7294, 0.7255
CMYK	0.00, 0.68, 0.68, 0.15
HSL	360°, 66%, 56%
HSV	360°, 68%, 85%
XYZ	31.8489, 19.4502, 7.8700
YIQ	113.3660, 87.8870, 31.6870

Conversions

Conversions Part 2

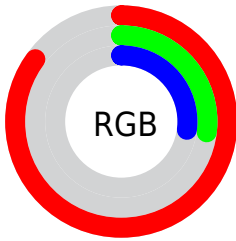
Format	Color
RYB	217, 69, 70
Decimal	14239046
CIELab	51.21, 57.59, 32.57
CIELCh	51, 66.161, 29.489
Yxy	19.4502, 0.5383, 0.3287
Android (android.graphics.Color)	4292429126 (0xFFD94546)
YUV	113.3660, -21.3794, 90.8870
Hunter-Lab	44.1023, 51.7263, 20.2914

Details

The Hex color **D94546** 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 **45D9D8**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF7D77**, and **9B001A** is the 20% darker color. If you saturate the color by 10%, you get **D92F30**, and if you desaturate by 10%, it is **D95B5C**.

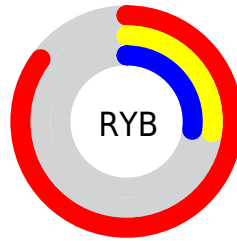
Distribution



Red (85%)

Green (27%)

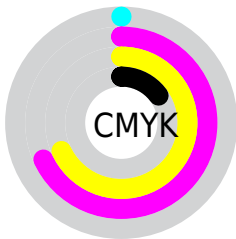
Blue (27%)



Red (85%)

Yellow (27%)

Blue (27%)

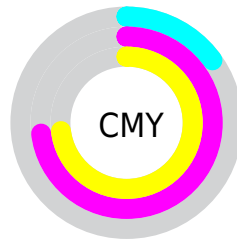


Cyan (0%)

Magenta (68%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D94546 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 D94546 by changing the saturation by 10% instead.

 D94546

 D94546

FFFFFF

 BA262F

 FF7D77

 9B001A

 FF9990

 7C0002

 FFB6AB

 5E0000

 FFD3C6

 420002

 FFF0E2

 210001

 000000

 D94546

 D94546

 D92F30

 D95B5C

 D91A1B

 D97071

 D90405

 D98687

 D90001

 D99C9C

 D9B2B2

 D9C7C7

 D9DDDD

 D9F3F2

 D9FFFF

Harmonies

Analogous

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



DA3A7D



D94546



BF600D

Triad

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



D94546



008F3C



0081EC

Complementary

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



D94546



45D9D8

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.



008EDB



D94546



009377

Square

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



D94546



5C8700



0093B0



736BDD

Rectangle

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



D94546



A47000



0093B0



0087EA

Sweetspot

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



D94546



FFCCCC



D745D9



806161



000000



808080

Same Dimension

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



D94546



FF2E2F



D98D45



6E6363



AD0001



2E0000

Inverse Universe

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



D94546



FF2E2F



4591D9



6E6363



AD0001



2E0000

Previews

White Background



This preview shows how the Hex color D94546 looks on a white background.

Color Contrast Check

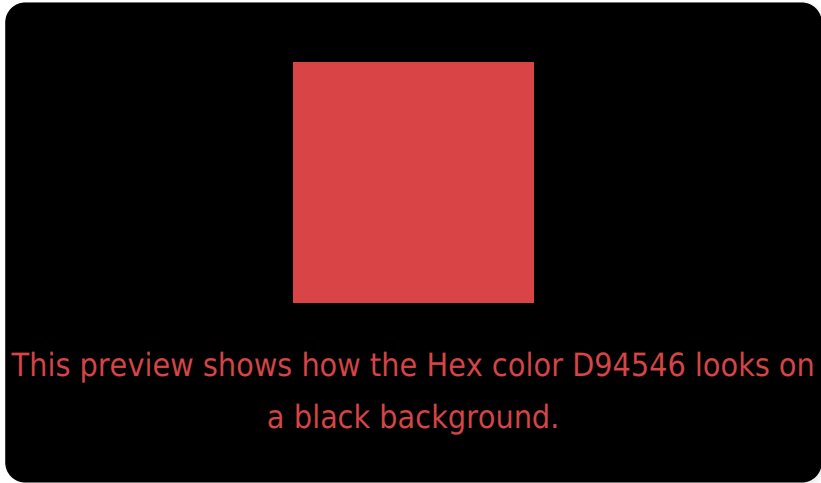
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94546 Background



This preview shows how black text looks on a background with the Hex color D94546.



This preview shows how white text looks on a background with the Hex color D94546.

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
D94546

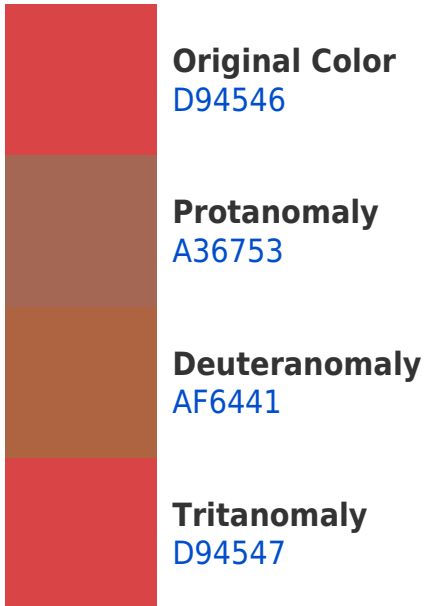
Protanopia
847A5A

Deuteranopia
97753E

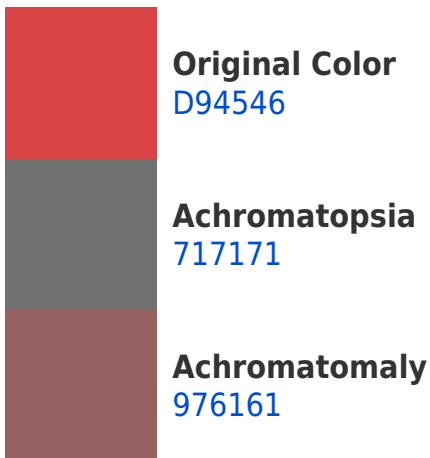


Tritanopia
D94548

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D94546 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 #D94546 looks like.

```
.text, #text, p{  
    color:#D94546  
}
```

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 #D94546 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94546
}
```

Border

The CSS property to change the border of an element to Hex D94546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

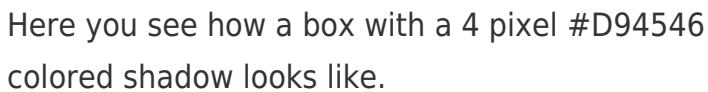
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D94546 }
```

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

```
.border{ border-color:#D94546 }
```

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



Here you see how a box with a 4 pixel #D94546 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94546; -webkit-box-shadow:4px 4px  
4px 4px #D94546; box-shadow:4px 4px 4px  
4px #D94546 }
```

Background

The CSS property to change the background color of an element to Hex D94546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94546 }
```

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

```
.background{ background-color:#D94546 }
```

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