

# Converting Colors

Hex(D94329)

Have a look what the booklet for  
Hex(D94329) contains.

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# Color

Hex(D94329)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D94329
RGB	217, 67, 41
RGB Percent	85%, 26%, 16%
CMY	0.1490, 0.7373, 0.8392
CMYK	0.00, 0.69, 0.81, 0.15
HSL	9°, 70%, 51%
HSV	9°, 81%, 85%
XYZ	31.0227, 18.9261, 4.1159
YIQ	108.8860, 97.7460, 23.7140

# Conversions

## Conversions Part 2

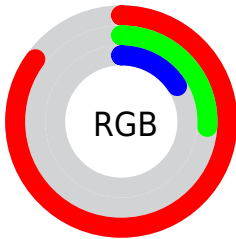
Format	Color
<a href="#">RYB</a>	<a href="#">217, 72, 41</a>
Decimal	<a href="#">14238505</a>
CIELab	<a href="#">50.60, 57.19, 47.71</a>
CIELCh	<a href="#">51, 74.473, 39.836</a>
Yxy	<a href="#">18.9261, 0.5738, 0.3501</a>
Android (android.graphics.Color)	<a href="#">4292428585</a> ( <a href="#">0xFFD94329</a> )
YUV	<a href="#">108.8860, -33.4678, 94.8160</a>
Hunter-Lab	<a href="#">43.5042, 51.1555, 24.8436</a>

# Details

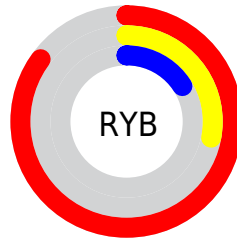
The Hex color **D94329** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **29BFD9**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7B59**, and **9A0000** is the 20% darker color. If you saturate the color by 10%, you get **D93113**, and if you desaturate by 10%, it is **D9553F**.

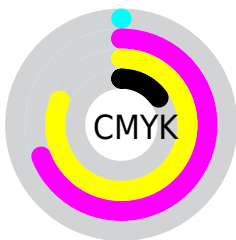
# Distribution



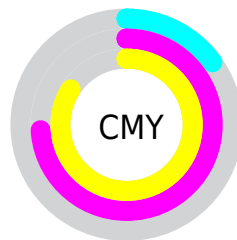
- Red (85%)
- Green (26%)
- Blue (16%)



- Red (85%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (69%)
- Yellow (81%)
- Black (15%)



- Cyan (15%)
- Magenta (74%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D94329 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 D94329 by changing the saturation by 10% instead.



 D94329

 D94329

FFFFFF

 B92411

 FF7B59

 9A0000

 FF9772

 7B0000

 FFB48C

 5C0000

 FFD0A7

 400003

 FFEEC2

 1E0001

 FFFFDE

 000000

 FFFFFB

 D94329

 D94329

 D93113

 D9553F

 D92000

 D96854

 D97A6A

 D98D80

 D99F95

 D9B2AB

 D9C4C1

 D9D7D7

 D9E9EC

# Harmonies

## Analogous

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



E62267



D94329



B46500

# Triad

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



D94329



00914A



007AF7

# Complementary

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



D94329



29BFD9

# 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.



008BF1



D94329



00948C

# Square

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



D94329



348A00



0093C9



925CDB

# Rectangle

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



D94329



927600



0093C9



0081F9



# Sweetspot

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



D94329



FFCBC2



D929C2



80605B



000000



808080



# Same Dimension

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



D94329



FF2C08



D99829



6E6463



AD1A00



2E0700

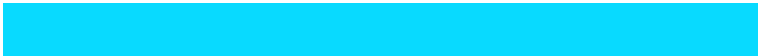


# Inverse Universe

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



29BFD9



08DAFF



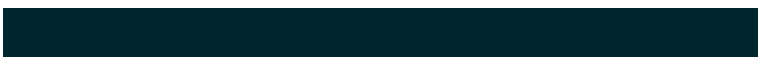
296AD9



636C6E



0094AD



00272E



# Previews

## White Background



This preview shows how the Hex color D94329 looks on a white background.

## Color Contrast Check

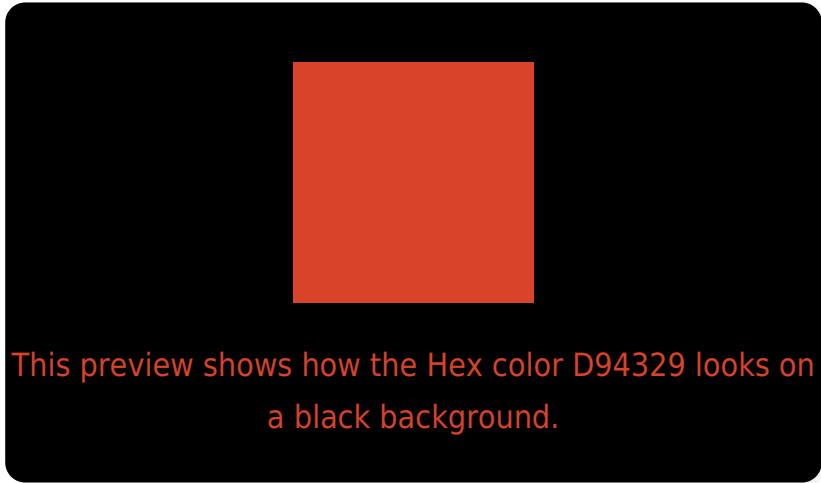
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94329 Background



This preview shows how black text looks on a background with the Hex color D94329.



This preview shows how white text looks on a background with the Hex color D94329.

# 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



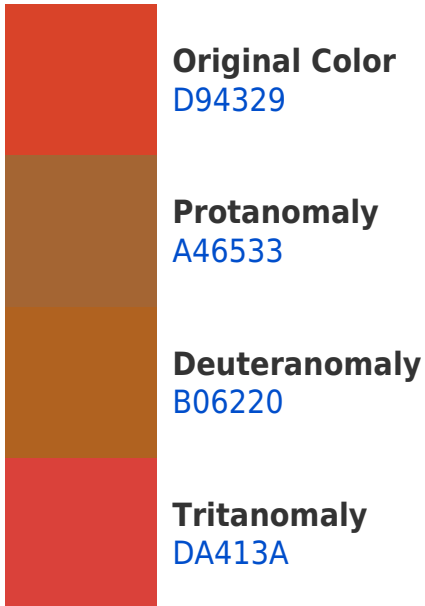
**Original Color**  
D94329

**Protanopia**  
867938

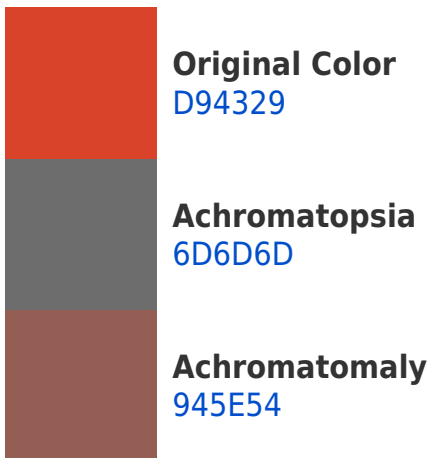
**Deuteranopia**  
98731B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D94329 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 #D94329 looks like.

```
.text, #text, p{  
    color:#D94329  
}
```

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 #D94329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94329
}
```

## Border

The CSS property to change the border of an element to Hex D94329 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".

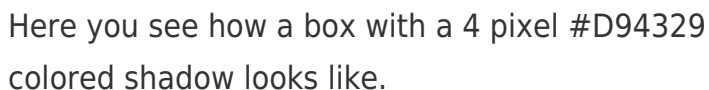
```
.border, #border, table{ border:4px solid
#D94329 }
```

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

```
.border{ border-color:#D94329 }
```

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

Here you see how a box with a 4 pixel #D94329 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94329; -webkit-box-shadow:4px 4px  
4px 4px #D94329; box-shadow:4px 4px 4px  
4px #D94329 }
```

# Background

The CSS property to change the background color of an element to Hex D94329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94329 }
```

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

```
.background{ background-color:#D94329 }
```

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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