

# Converting Colors

Hex(D94841)

Have a look what the booklet for  
Hex(D94841) contains.

<b>Hex(D94841)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D94841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D94841
RGB	217, 72, 65
RGB Percent	85%, 28%, 25%
CMY	0.1490, 0.7176, 0.7451
CMYK	0.00, 0.67, 0.70, 0.15
HSL	3°, 67%, 55%
HSV	3°, 70%, 85%
XYZ	31.8868, 19.7681, 7.1360
YIQ	114.5570, 88.6670, 28.5630

# Conversions

## Conversions Part 2

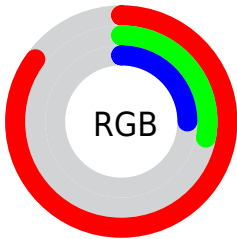
Format	Color
<a href="#">RYB</a>	<a href="#">217, 72, 65</a>
Decimal	<a href="#">14239809</a>
CIELab	<a href="#">51.57, 56.16, 35.87</a>
CIELCh	<a href="#">52, 66.636, 32.569</a>
Yxy	<a href="#">19.7681, 0.5424, 0.3362</a>
Android (android.graphics.Color)	<a href="#">4292429889</a> ( <a href="#">0xFFD94841</a> )
YUV	<a href="#">114.5570, -24.4316, 89.8425</a>
Hunter-Lab	<a href="#">44.4613, 50.2093, 21.6069</a>

# Details

The Hex color **D94841** 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 **41D2D9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8071**, and **9B0015** is the 20% darker color. If you saturate the color by 10%, you get **D9332B**, and if you desaturate by 10%, it is **D95D57**.

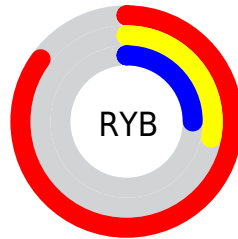
# Distribution



Red (85%)

Green (28%)

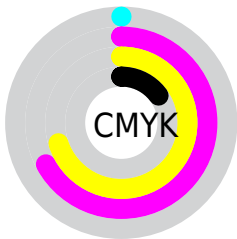
Blue (25%)



Red (85%)

Yellow (28%)

Blue (25%)

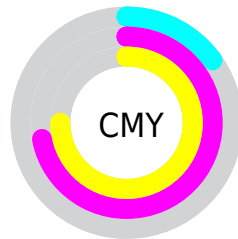


Cyan (0%)

Magenta (67%)

Yellow (70%)

Black (15%)



Cyan (15%)

Magenta (72%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D94841 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 D94841 by changing the saturation by 10% instead.



 D94841

 D94841

FFFFFF

 BA2A2A

 FF8071

 9B0015

 FF9C8B

 7C0000

 FFB8A5

 5E0000

 FFD5C1

 420002

 FFF2DD

 220001

 FFFFF9

 000000

 D94841

 D94841

 D9332B

 D95D57

 D91F16

 D9716C

 D90A00

 D98682

 D99B98

 D9B0AE

 D9C4C3

 D9D9D9

 D9EEEF

 D9FFFF

# Harmonies

## Analogous

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



DD3979



D94841



BC6303

# Triad

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



D94841



009143



0081EE

# Complementary

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



D94841



41D2D9

# 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.



008EE0



D94841



00947E

# Square

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



D94841



558900



0094B7



7E69DC

# Rectangle

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



D94841



A07300



0094B7



0086ED



# Sweetspot

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



D94841



FFCC9



D941D4



806160



000000



808080



# Same Dimension

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



D94841



FF3329



D99241



6E6363



AD0800



2E0200



# Inverse Universe

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



41D2D9



29F5FF



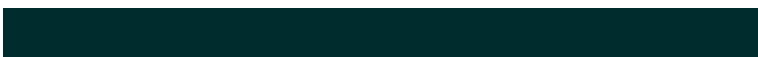
4188D9



636D6E



00A5AD

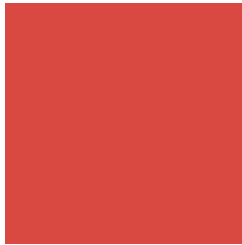


002C2E



# Previews

## White Background



This preview shows how the Hex color D94841 looks on a white background.

## Color Contrast Check

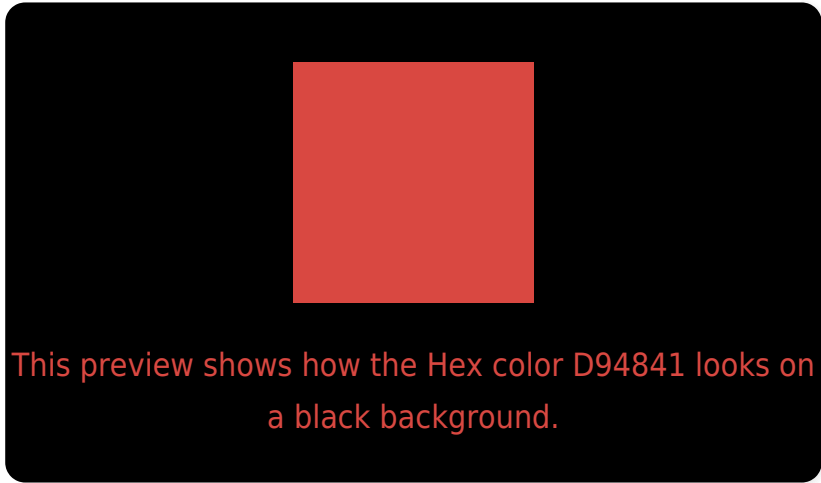
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94841 Background



This preview shows how black text looks on a background with the Hex color D94841.



This preview shows how white text looks on a background with the Hex color D94841.

# 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**  
D94841

**Protanopia**  
867B53

**Deuteranopia**  
997639



**Tritanopia**  
D9474A

# Trichromacy



**Original Color**  
D94841

**Protanomaly**  
A4684C

**Deuteranomaly**  
B0653C

**Tritanomaly**  
D94747

# Monochromacy



**Original Color**  
D94841

**Achromatopsia**  
737373

**Achromatomaly**  
986361

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D94841 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 #D94841 looks like.

```
.text, #text, p{  
    color:#D94841  
}
```

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 #D94841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94841
}
```

## Border

The CSS property to change the border of an element to Hex D94841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

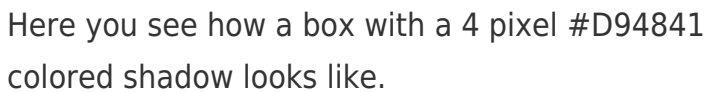
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D94841 }
```

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

```
.border{ border-color:#D94841 }
```

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



Here you see how a box with a 4 pixel #D94841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94841; -webkit-box-shadow:4px 4px  
4px 4px #D94841; box-shadow:4px 4px 4px  
4px #D94841 }
```

# Background

The CSS property to change the background color of an element to Hex D94841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94841 }
```

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

```
.background{ background-color:#D94841 }
```

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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