

# Converting Colors

Hex(D94141)

Have a look what the booklet for  
Hex(D94141) contains.

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**Color**

**Hex(D94141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D94141
RGB	217, 65, 65
RGB Percent	85%, 25%, 25%
CMY	0.1490, 0.7451, 0.7451
CMYK	0.00, 0.70, 0.70, 0.15
HSL	0°, 67%, 55%
HSV	0°, 70%, 85%
XYZ	31.4597, 18.9140, 6.9937
YIQ	110.4480, 90.5920, 32.2240

# Conversions

## Conversions Part 2

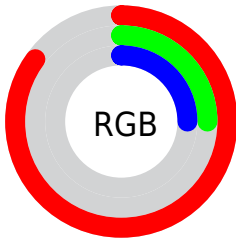
Format	Color
<a href="#">RYB</a>	217, 65, 65
Decimal	14238017
CIELab	50.59, 58.86, 34.71
CIELCh	51, 68.328, 30.528
Yxy	18.9140, 0.5484, 0.3297
Android (android.graphics.Color)	4292428097 (0xFFD94141)
YUV	110.4480, -22.4059, 93.4461
Hunter-Lab	43.4902, 53.0146, 20.9087

# Details

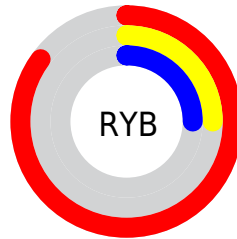
The Hex color **D94141** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41D9D9**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7A71**, and **9A0016** is the 20% darker color. If you saturate the color by 10%, you get **D92B2B**, and if you desaturate by 10%, it is **D95757**.

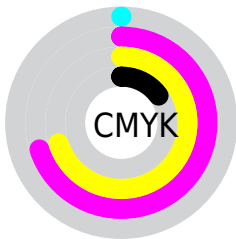
# Distribution



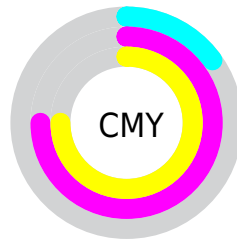
- Red (85%)
- Green (25%)
- Blue (25%)



- Red (85%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (15%)



- Cyan (15%)
- Magenta (75%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D94141 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 D94141 by changing the saturation by 10% instead.



 D94141

 D94141

FFFFFF

 BA202B

 FF7A71

 9A0016

 FF968B

 7C0000

 FFB3A5

 5D0000

 FFCFC0

 410003

 FFEDDC

 200001

 FFFFF9

 000000

 D94141

 D94141

 D92B2B

 D95757

 D91616

 D96C6C

 D90000

 D98282

 D99898

 D9AEAE

 D9C3C3

 D9D9D9

 D9EFEF

 D9FFFF

# Harmonies

## Analogous

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



DC337A



D94141



BD5E00

# Triad

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



D94141



008E3B



0080EE

# Complementary

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



D94141



41D9D9

# 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.



008DDE



D94141



009278

# Square

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



D94141



568600



0092B2



7468DE

# Rectangle

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



D94141



A16F00



0092B2



0085EC



# Sweetspot

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



D94141



FFC9C9



D941D9



806060



000000



808080



# Same Dimension

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



D94141



FF2929



D98D41



6E6363



AD0000



2E0000



# Inverse Universe

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



41D9D9



29FFFF



418DD9



636E6E



00ADAD



002E2E



# Previews

## White Background



This preview shows how the Hex color D94141 looks on a white background.

## Color Contrast Check

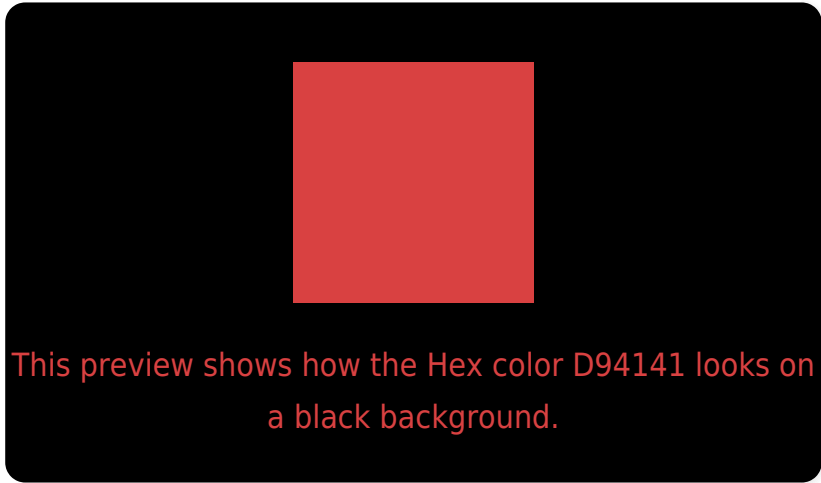
Large Text (above 18pt) WCAG AA ✓ Pass

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 D94141 Background



This preview shows how black text looks on a background with the Hex color D94141.

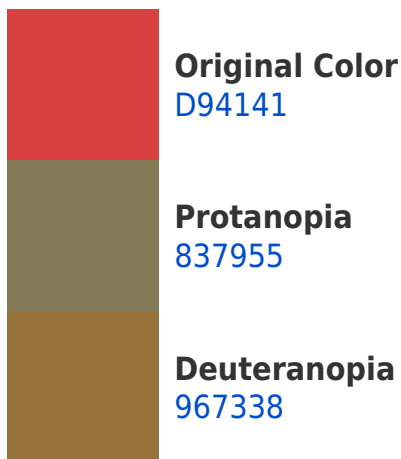


This preview shows how white text looks on a background with the Hex color D94141.

# 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





**Tritanopia**  
D94144

# Trichromacy



**Original Color**  
D94141

**Protanomaly**  
A2654E

**Deuteranomaly**  
AE613B

**Tritanomaly**  
D94143

# Monochromacy



**Original Color**  
D94141

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
955E5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D94141 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 #D94141 looks like.

```
.text, #text, p{  
    color:#D94141  
}
```

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 #D94141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D94141
}
```

## Border

The CSS property to change the border of an element to Hex D94141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

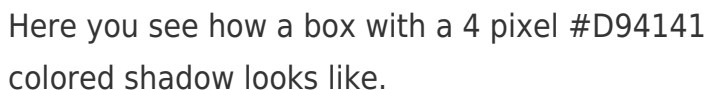
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D94141 }
```

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

```
.border{ border-color:#D94141 }
```

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



Here you see how a box with a 4 pixel #D94141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D94141; -webkit-box-shadow:4px 4px  
4px 4px #D94141; box-shadow:4px 4px 4px  
4px #D94141 }
```

# Background

The CSS property to change the background color of an element to Hex D94141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D94141 }
```

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

```
.background{ background-color:#D94141 }
```

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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