

# Converting Colors

Hex(D54143)

Have a look what the booklet for  
Hex(D54143) contains.

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# Color

**Hex(D54143)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D54143
RGB	213, 65, 67
RGB Percent	84%, 25%, 26%
CMY	0.1647, 0.7451, 0.7373
CMYK	0.00, 0.69, 0.69, 0.16
HSL	359°, 64%, 55%
HSV	359°, 69%, 84%
XYZ	30.3440, 18.3320, 7.2493
YIQ	109.4800, 87.5660, 31.9980

# Conversions

## Conversions Part 2

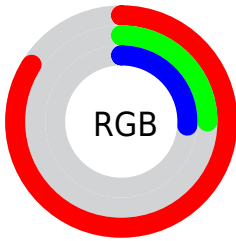
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 65, 67
Decimal	13975875
CIE Lab	49.90, 57.69, 32.55
CIE LCh	50, 66.244, 29.434
Yxy	18.3320, 0.5426, 0.3278
Android (android.graphics.Color)	4292165955 (0xFFD54143)
YUV	109.4800, -20.9426, 90.7870
Hunter-Lab	42.8159, 51.5768, 19.9325

# Details

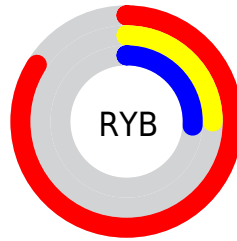
The Hex color **D54143** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **41D5D3**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7A73**, and **970018** is the 20% darker color. If you saturate the color by 10%, you get **D52C2E**, and if you desaturate by 10%, it is **D55658**.

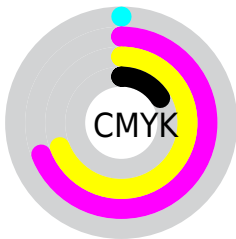
# Distribution



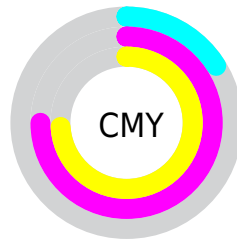
- Red (84%)
- Green (25%)
- Blue (26%)



- Red (84%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (69%)
- Yellow (69%)
- Black (16%)



- Cyan (16%)
- Magenta (75%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D54143 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 D54143 by changing the saturation by 10% instead.



 D54143

 D54143

FFFFFF

 B6212D

 FF7A73

 970018

 FF968D

 790000

 FFB2A7

 5A0000

 FFCFC3

 3F0003

 FFECDF

 1B0001

 FFFFFB

 000000

 D54143

 D54143

 D52C2E

 D55658

 D51619

 D56C6D

 D50104

 D58182

 D50003

 D59697

 D5ABAC

 D5C1C1

 D5D6D6

 D5EBEB

 D5FFFF

# Harmonies

## Analogous

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



D6357A



D54143



BB5D07

# Triad

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



D54143



008C39



007EE8

# Complementary

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



D54143



41D5D3

# 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.



008BD8



D54143



008F74

# Square

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



D54143



588300



008FAD



6F68DA

# Rectangle

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



D54143



A06D00



008FAD



0083E6



# Sweetspot

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



D54143



FFC9CA



D341D5



806060



000000



808080



# Same Dimension

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



D54143



FF2B2E



D58941



6B6061



AB0002



2B0001



# Inverse Universe

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



D54143



FF2B2E



418DD5



6B6061



AB0002



2B0001



# Previews

## White Background



This preview shows how the Hex color D54143 looks on a white background.

## Color Contrast Check

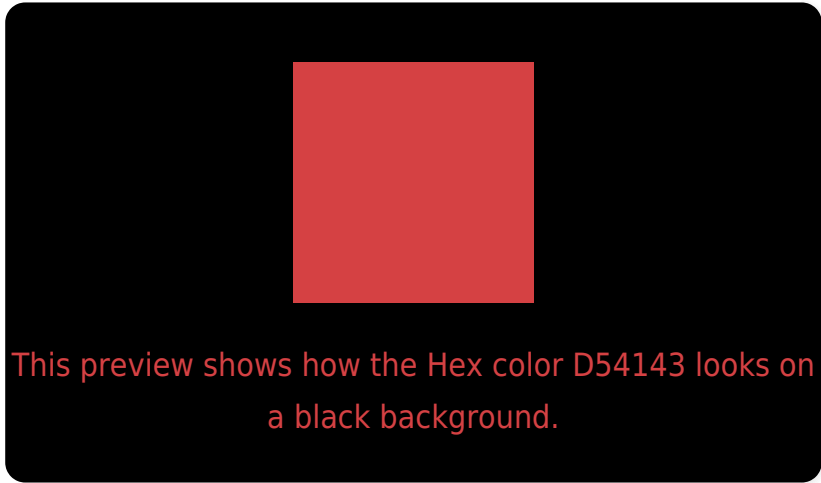
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 D54143 Background



This preview shows how black text looks on a background with the Hex color D54143.



This preview shows how white text looks on a background with the Hex color D54143.

# 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



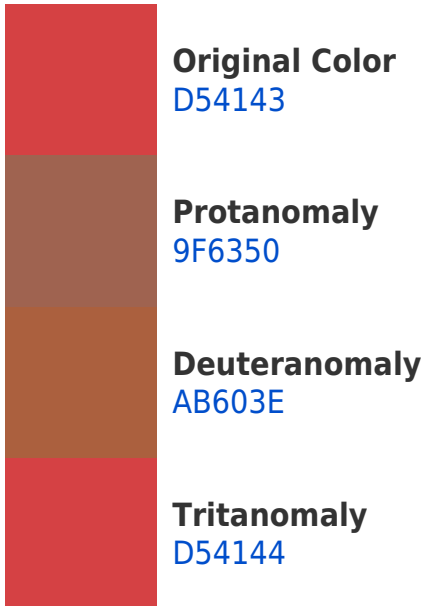
**Original Color**  
D54143

**Protanopia**  
807757

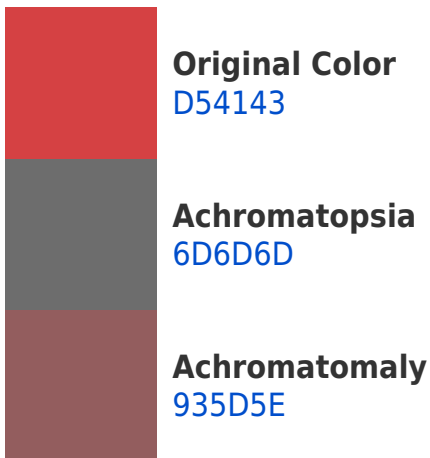
**Deuteranopia**  
93723B



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D54143 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 #D54143 looks like.

```
.text, #text, p{  
  color:#D54143  
}
```

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 #D54143 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D54143  
}
```

## Border

The CSS property to change the border of an element to Hex D54143 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  
#D54143 }
```

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

```
.border{ border-color:#D54143 }
```

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

Here you see how a box with a 4 pixel #D54143 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D54143; -webkit-box-shadow:4px 4px  
4px 4px #D54143; box-shadow:4px 4px 4px  
4px #D54143 }
```

# Background

The CSS property to change the background color of an element to Hex D54143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D54143 }
```

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

```
.background{ background-color:#D54143 }
```

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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