

# Converting Colors

Hex(D8434A)

Have a look what the booklet for  
Hex(D8434A) contains.

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**Color**

**Hex(D8434A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D8434A
RGB	216, 67, 74
RGB Percent	85%, 26%, 29%
CMY	0.1529, 0.7373, 0.7098
CMYK	0.00, 0.69, 0.66, 0.15
HSL	357°, 66%, 55%
HSV	357°, 69%, 85%
XYZ	31.5621, 19.1077, 8.5032
YIQ	112.3490, 86.5570, 33.7650

# Conversions

## Conversions Part 2

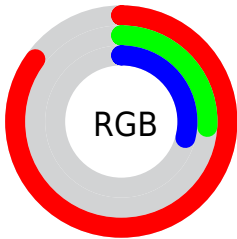
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">216, 67, 74</a>
Decimal	<a href="#">14173002</a>
CIELab	<a href="#">50.81, 58.25, 29.71</a>
CIELCh	<a href="#">51, 65.392, 27.019</a>
Yxy	<a href="#">19.1077, 0.5334, 0.3229</a>
Android (android.graphics.Color)	<a href="#">4292363082</a> ( <a href="#">0xFFD8434A</a> )
YUV	<a href="#">112.3490, -18.9061, 90.9019</a>
Hunter-Lab	<a href="#">43.7123, 52.3879, 19.0651</a>

# Details

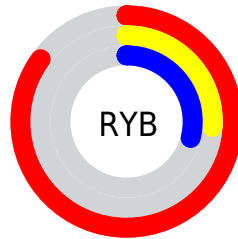
The Hex color **D8434A** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **43D8D1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7C7B**, and **9A001E** is the 20% darker color. If you saturate the color by 10%, you get **D82D35**, and if you desaturate by 10%, it is **D8595F**.

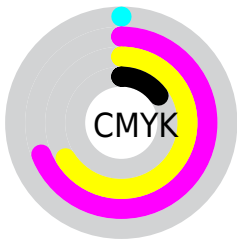
# Distribution



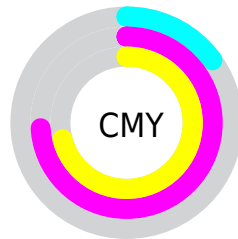
- Red (85%)
- Green (26%)
- Blue (29%)



- Red (85%)
- Yellow (26%)
- Blue (29%)



- Cyan (0%)
- Magenta (69%)
- Yellow (66%)
- Black (15%)



- Cyan (15%)
- Magenta (74%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8434A 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 D8434A by changing the saturation by 10% instead.



 D8434A

 D8434A

FFFFFF

 B92333

 FF7C7B

 9A001E

 FF9895

 7C0008

 FFB4AF


 5D0000

 FFD1CB

 410003

 FFE0E7

 200001

 000000

 D8434A

 D8434A

 D82D35

 D8595F

 D81821

 D86E73

 D8020C

 D88488

 D8000A

 D8999C

 D8AFB1

 D8C5C6

 D8DADA

 D8F0EF

 D8FFFF

# Harmonies

## Analogous

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



D73A81



D8434A



C05D14

# Triad

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



D8434A



008D38



0082E9

# Complementary

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



D8434A



43D8D1

# 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.



008DD6



D8434A



009172

# Square

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



D8434A



618400



0092AA



696DDD

# Rectangle

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



D8434A



A66E00



0092AA



0087E6



# Sweetspot

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



D8434A



FFC9CC



D143D8



806061



000000



808080



# Same Dimension

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



D8434A



FF2B35



D88643



6B6061



AB0008



2B0002



# Inverse Universe

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



D8434A



FF2B35



4395D8



6B6061



AB0008



2B0002



# Previews

## White Background



This preview shows how the Hex color D8434A looks on a white background.

## Color Contrast Check

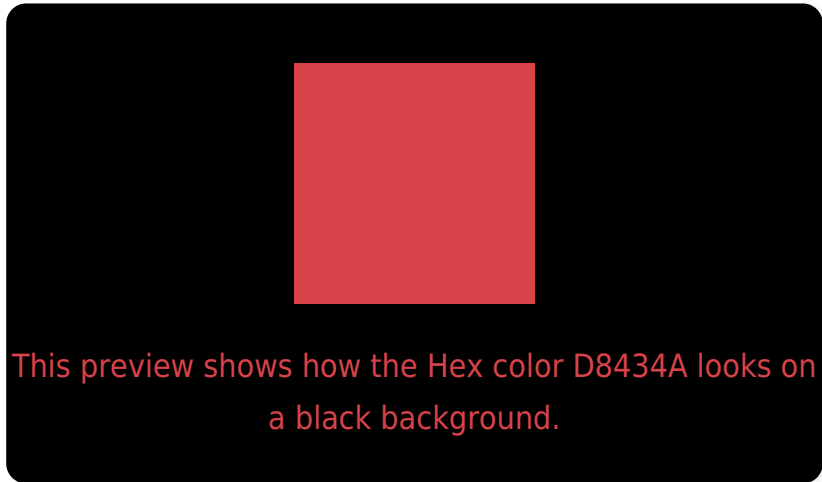
Large Text (above 18pt) WCAG AA ✓ Pass

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 D8434A Background



This preview shows how black text looks on a background with the Hex color D8434A.



This preview shows how white text looks on a background with the Hex color D8434A.

# 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**  
D8434A

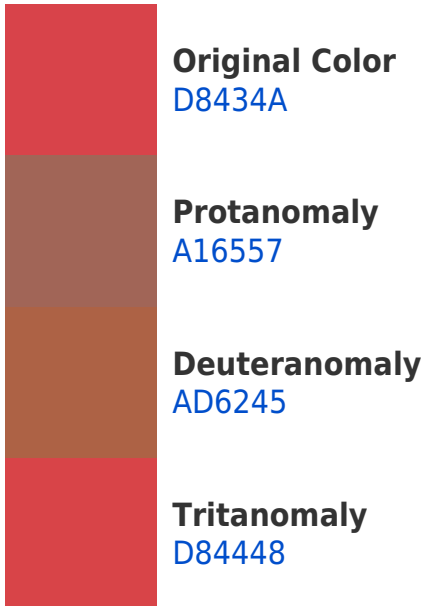
**Protanopia**  
81795F

**Deuteranopia**  
957442

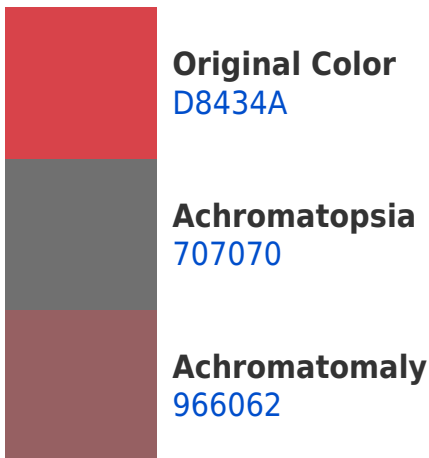


**Tritanopia**  
D84447

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8434A 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 #D8434A looks like.

```
.text, #text, p{  
    color:#D8434A  
}
```

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 #D8434A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8434A
}
```

## Border

The CSS property to change the border of an element to Hex D8434A is called "border". The border property can be set on classes, ids or directly on the HTML element.

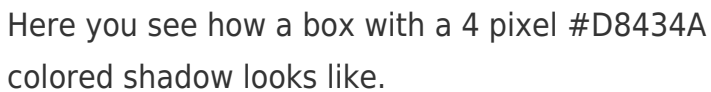
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D8434A }
```

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

```
.border{ border-color:#D8434A }
```

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



Here you see how a box with a 4 pixel #D8434A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8434A; -webkit-box-shadow:4px 4px  
4px 4px #D8434A; box-shadow:4px 4px 4px  
4px #D8434A }
```

# Background

The CSS property to change the background color of an element to Hex D8434A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8434A }
```

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

```
.background{ background-color:#D8434A }
```

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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