

# Converting Colors

Hex(D84249)

Have a look what the booklet for  
Hex(D84249) contains.

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# Color

Hex(D84249)

# Conversions

## Conversions Part 1

Format	Color
Hex	D84249
RGB	216, 66, 73
RGB Percent	85%, 26%, 29%
CMY	0.1529, 0.7412, 0.7137
CMYK	0.00, 0.69, 0.66, 0.15
HSL	357°, 66%, 55%
HSV	357°, 69%, 85%
XYZ	31.4697, 18.9764, 8.3075
YIQ	111.6480, 87.1530, 33.9770

# Conversions

## Conversions Part 2

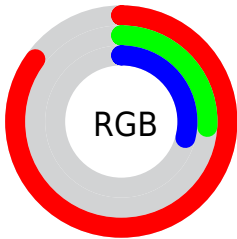
Format	Color
R <sub>Y</sub> B	216, 66, 73
Decimal	14172745
CIE Lab	50.66, 58.58, 30.10
CIE LCh	51, 65.860, 27.199
Yxy	18.9764, 0.5356, 0.3230
Android (android.graphics.Color)	4292362825 (0xFFD84249)
YUV	111.6480, -19.0535, 91.5167
Hunter-Lab	43.5619, 52.7175, 19.1864

# Details

The Hex color **D84249** 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 **42D8D1**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7B7A**, and **9A001D** is the 20% darker color. If you saturate the color by 10%, you get **D82C34**, and if you desaturate by 10%, it is **D8585E**.

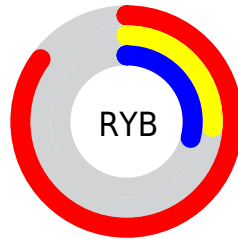
# Distribution



Red (85%)

Green (26%)

Blue (29%)



Red (85%)

Yellow (26%)

Blue (29%)

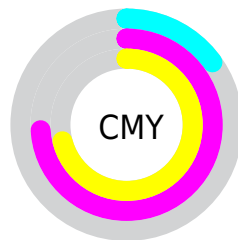


Cyan (0%)

Magenta (69%)

Yellow (66%)

Black (15%)



Cyan (15%)

Magenta (74%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D84249 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 D84249 by changing the saturation by 10% instead.



 D84249

 D84249

FFFFFF

 B92232

 FF7B7A

 9A001D

 FF9793

 7C0006

 FFB3AE

 5D0000

 FFD0C9

 410003

 FFEED6

 200001

 000000

 D84249

 D84249

 D82C34

 D8585E

 D81720

 D86D72

 D8010B

 D88387

 D8000A

 D8989B

 D8AEB0

 D8C4C5

 D8D9D9

 D8EFEE

 D8FFFF

# Harmonies

## Analogous

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



D73980



D84249



C05D12

# Triad

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



D84249



008D37



0081EA

# Complementary

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



D84249



42D8D1

# 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.



008DD7



D84249



009171

# Square

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



D84249



5F8400



0091AB



696CDD

# Rectangle

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



D84249



A56D00



0091AB



0086E7



# Sweetspot

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



D84249



FFC9CC



D042D8



806061



000000



808080



# Same Dimension

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



D84249



FF2B35



D88642



6B6061



AB0008



2B0002



# Inverse Universe

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



D84249



FF2B35



4295D8



6B6061



AB0008



2B0002



# Previews

## White Background



This preview shows how the Hex color D84249 looks on a white background.

## Color Contrast Check

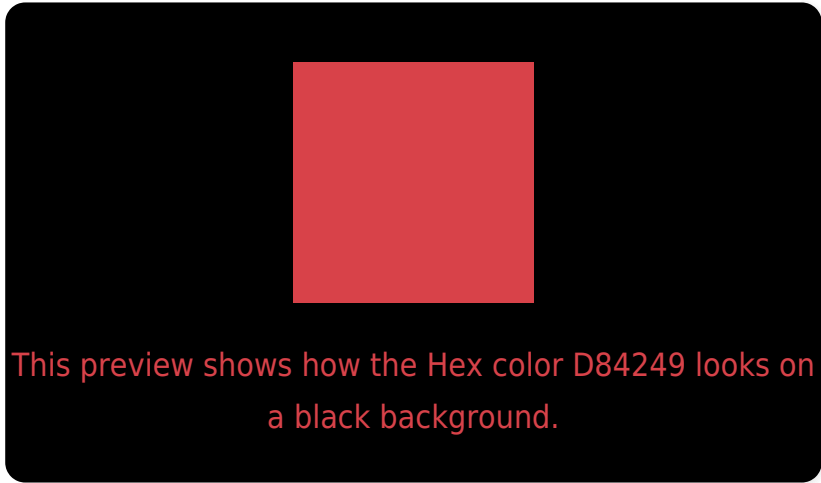
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84249 Background



This preview shows how black text looks on a background with the Hex color D84249.



This preview shows how white text looks on a background with the Hex color D84249.

# 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**  
D84249

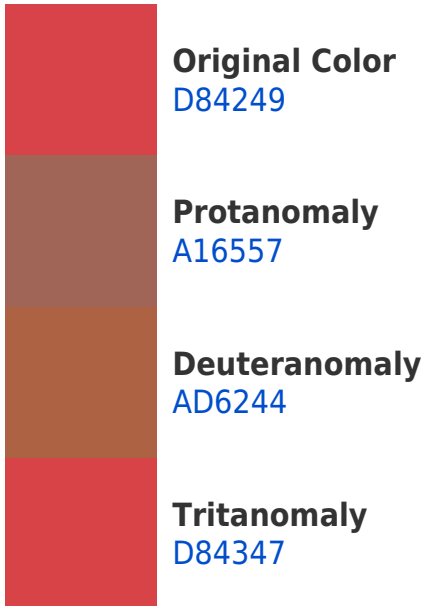
**Protanopia**  
81795F

**Deuteranopia**  
947441

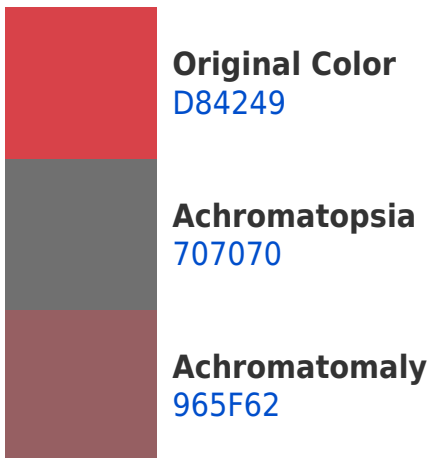


**Tritanopia**  
D84346

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D84249 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 #D84249 looks like.

```
.text, #text, p{  
    color:#D84249  
}
```

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 #D84249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84249
}
```

## Border

The CSS property to change the border of an element to Hex D84249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

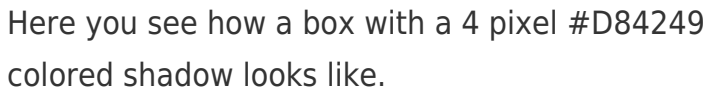
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D84249 }
```

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

```
.border{ border-color:#D84249 }
```

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



Here you see how a box with a 4 pixel #D84249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84249; -webkit-box-shadow:4px 4px  
4px 4px #D84249; box-shadow:4px 4px 4px  
4px #D84249 }
```

# Background

The CSS property to change the background color of an element to Hex D84249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84249 }
```

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

```
.background{ background-color:#D84249 }
```

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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