

# Converting Colors

Hex(DD4549)

Have a look what the booklet for  
Hex(DD4549) contains.

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# Color

**Hex(DD4549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD4549
RGB	221, 69, 73
RGB Percent	87%, 27%, 29%
CMY	0.1333, 0.7294, 0.7137
CMYK	0.00, 0.69, 0.67, 0.13
HSL	358°, 69%, 57%
HSV	358°, 69%, 87%
XYZ	33.1495, 20.1094, 8.4377
YIQ	114.9040, 89.3080, 33.4680

# Conversions

## Conversions Part 2

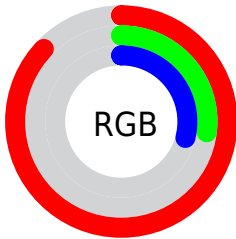
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 69, 73
Decimal	14501193
CIE Lab	51.96, 59.02, 31.91
CIE LCh	52, 67.090, 28.397
Yxy	20.1094, 0.5373, 0.3259
Android (android.graphics.Color)	4292691273 (0xFFDD4549)
YUV	114.9040, -20.6587, 93.0462
Hunter-Lab	44.8435, 53.4756, 20.2346

# Details

The Hex color **DD4549** 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 **45DDD9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7E7A**, and **9F001D** is the 20% darker color. If you saturate the color by 10%, you get **DD2F33**, and if you desaturate by 10%, it is **DD5B5F**.

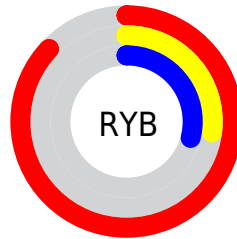
# Distribution



Red (87%)

Green (27%)

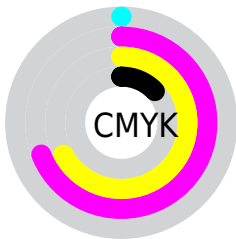
Blue (29%)



Red (87%)

Yellow (27%)

Blue (29%)

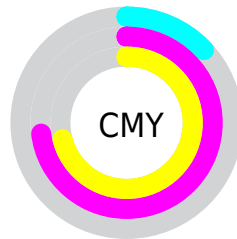


Cyan (0%)

Magenta (69%)

Yellow (67%)

Black (13%)



Cyan (13%)

Magenta (73%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD4549 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 DD4549 by changing the saturation by 10% instead.



 DD4549

 DD4549

FFFFFF

 BE2532

 FF7E7A

 9F001D

 FF9A94

 800006

 FFB7AE

 620000

 FFD3CA

 450002

 FFF1E6

 260001

 000000

 DD4549

 DD4549

 DD2F33

 DD5B5F

 DD191E

 DD7174

 DD0308

 DD878A

 DD0006

 DD9D9F

 DDB3B5

 DDCACA

 DDE0E0

 DDF6F5

 DDFFFF

# Harmonies

## Analogous

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



DD3B82



DD4549



C36010

# Triad

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



DD4549



00913B



0084F0

# Complementary

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



DD4549



45DDD9

# 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.



0090DE



DD4549



009577

# Square

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



DD4549



608800



0095B1



716EE2

# Rectangle

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



DD4549



A87100



0095B1



0089ED



# Sweetspot

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



DD4549



FFC9CB



D845DD



806060



000000



808080



# Same Dimension

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



DD4549



FF2B31



DD8C45



6E6363



AD0005



2E0001



# Inverse Universe

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



DD4549



FF2B31



4596DD



6E6363



AD0005



2E0001



# Previews

## White Background



This preview shows how the Hex color DD4549 looks on a white background.

## Color Contrast Check

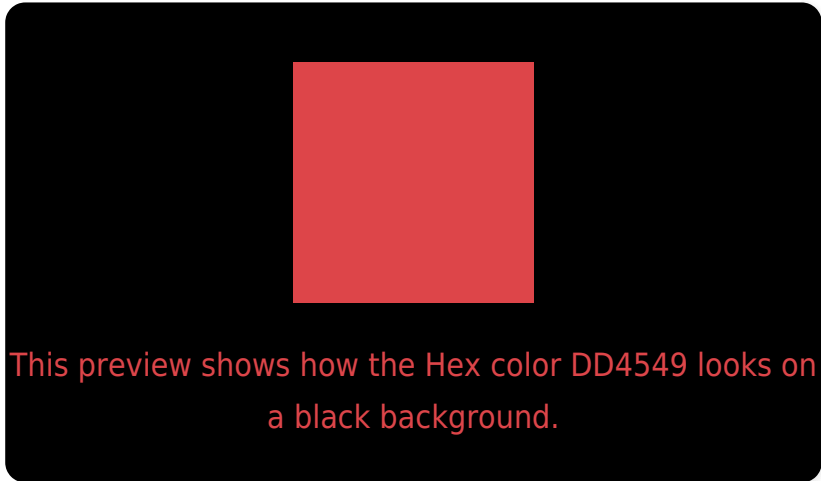
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD4549 Background



This preview shows how black text looks on a background with the Hex color DD4549.



This preview shows how white text looks on a background with the Hex color DD4549.

# 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



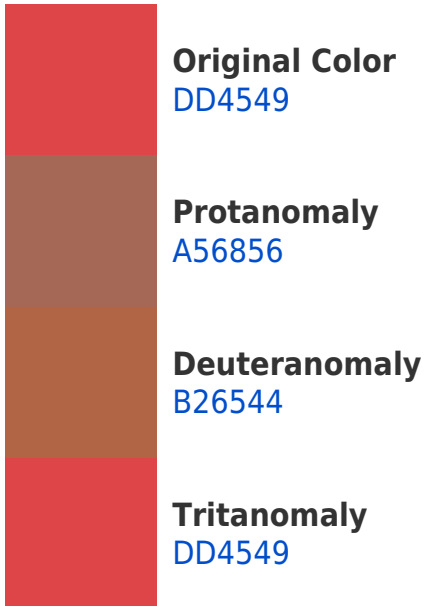
**Original Color**  
DD4549

**Protanopia**  
857C5E

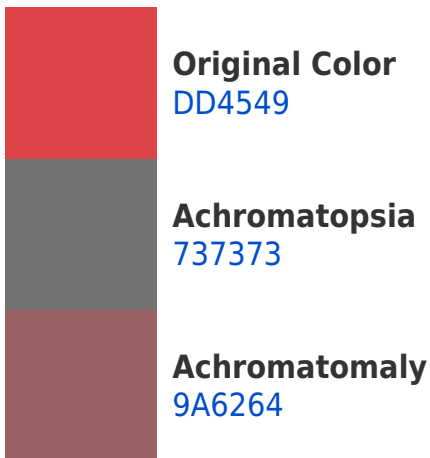
**Deuteranopia**  
997741



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD4549 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 #DD4549 looks like.

```
.text, #text, p{  
    color:#DD4549  
}
```

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 #DD4549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD4549
}
```

## Border

The CSS property to change the border of an element to Hex DD4549 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".

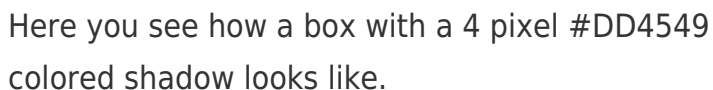
```
.border, #border, table{ border:4px solid
#DD4549 }
```

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

```
.border{ border-color:#DD4549 }
```

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

Here you see how a box with a 4 pixel #DD4549 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD4549; -webkit-box-shadow:4px 4px  
4px 4px #DD4549; box-shadow:4px 4px 4px  
4px #DD4549 }
```

# Background

The CSS property to change the background color of an element to Hex DD4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD4549 }
```

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

```
.background{ background-color:#DD4549 }
```

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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