

# Converting Colors

Hex(D04459)

Have a look what the booklet for  
Hex(D04459) contains.

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# Color

**Hex(D04459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D04459
RGB	208, 68, 89
RGB Percent	82%, 27%, 35%
CMY	0.1843, 0.7333, 0.6510
CMYK	0.00, 0.67, 0.57, 0.18
HSL	351°, 60%, 54%
HSV	351°, 67%, 82%
XYZ	29.8827, 18.2654, 11.4018
YIQ	112.2540, 76.6990, 36.2110

# Conversions

## Conversions Part 2

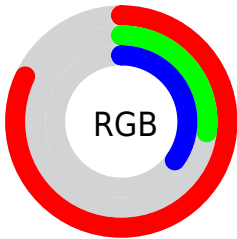
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 68, 89
Decimal	13648985
CIE <sub>Lab</sub>	49.82, 56.30, 19.21
CIE <sub>LCh</sub>	50, 59.483, 18.839
Yxy	18.2654, 0.5018, 0.3067
Android (android.graphics.Color)	4291839065 (0xFFD04459)
YUV	112.2540, -11.4642, 83.9692
Hunter-Lab	42.7381, 50.0168, 14.0991

# Details

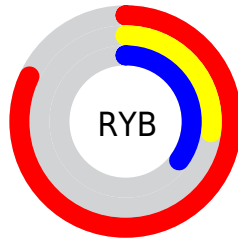
The Hex color **D04459** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **44D0BB**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7C8B**, and **93002C** is the 20% darker color. If you saturate the color by 10%, you get **D02F47**, and if you desaturate by 10%, it is **D0596B**.

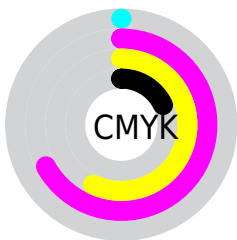
# Distribution



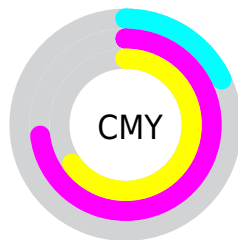
- Red (82%)
- Green (27%)
- Blue (35%)



- Red (82%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (67%)
- Yellow (57%)
- Black (18%)



- Cyan (18%)
- Magenta (73%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04459 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 D04459 by changing the saturation by 10% instead.



 D04459

 D04459

FFFFFF

 B22542

 FF7C8B

 93002C

 FF98A5

 760018

 FFB4C0

 590000

 FFD1DC

 3E0003

 FFEEF8

 190001

 000000

 D04459

 D04459

 D02F47

 D0596B

 D01A36

 D06E7C

 D00624

 D0828E

 D0001F

 D097A0

 D0ACB1

 D0C1C3

 D0D6D5

 D0EAE6

 D0FFF8

# Harmonies

## Analogous

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



C7458C



D04459



C0582A

# Triad

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



D04459



2E882E



0082DA

# Complementary

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



D04459



44D0BB

# 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.



008BC2



D04459



008D61

# Square

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



D04459



707E00



008E96



4C71D7

# Rectangle

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



D04459



AB6709



008E96



0086D5



# Sweetspot

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



D04459



FFCCD4



BB44D0



806165



000000



808080



# Same Dimension

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



D04459



FF304F



D07544



695E60



A80019



290006



# Inverse Universe

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



D04459



FF304F



449FD0



695E60



A80019

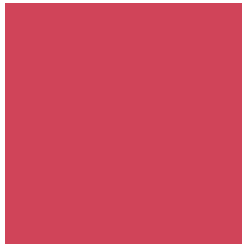


290006



# Previews

## White Background



This preview shows how the Hex color D04459 looks on a white background.

## Color Contrast Check

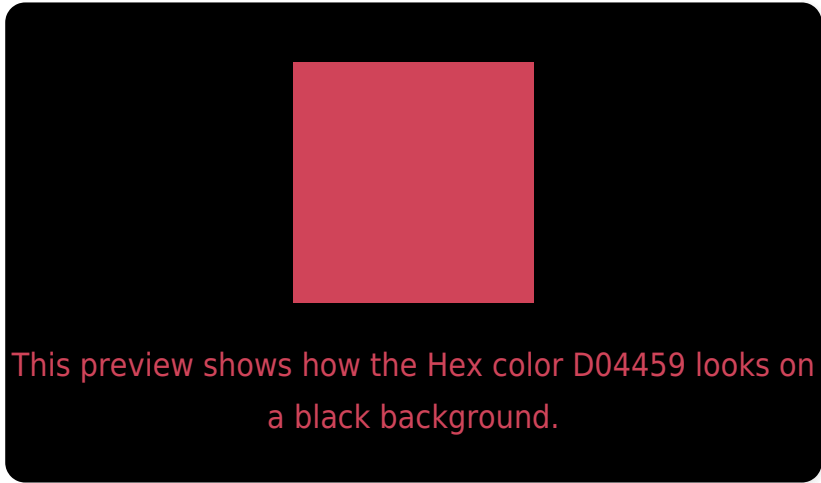
Large Text (above 18pt) WCAG AA ✓ Pass

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 D04459 Background



This preview shows how black text looks on a background with the Hex color D04459.

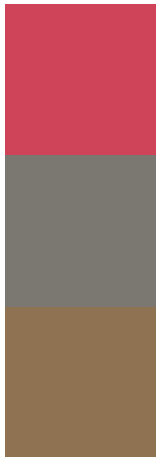


This preview shows how white text looks on a background with the Hex color D04459.

# 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**  
D04459

**Protanopia**  
7B7771

**Deuteranopia**  
8E7252



**Tritanopia**  
CF474B

# Trichromacy



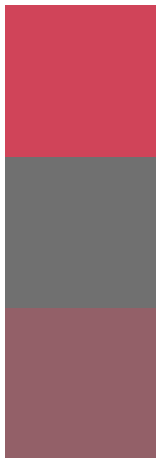
**Original Color**  
D04459

**Protanomaly**  
9A6468

**Deuteranomaly**  
A66155

**Tritanomaly**  
CF4650

# Monochromacy



**Original Color**  
D04459

**Achromatopsia**  
707070

**Achromatomaly**  
936068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04459 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 #D04459 looks like.

```
.text, #text, p{  
    color:#D04459  
}
```

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 #D04459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04459
}
```

## Border

The CSS property to change the border of an element to Hex D04459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

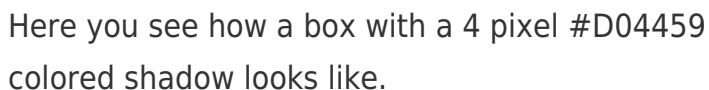
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D04459 }
```

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

```
.border{ border-color:#D04459 }
```

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



Here you see how a box with a 4 pixel #D04459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04459; -webkit-box-shadow:4px 4px  
4px 4px #D04459; box-shadow:4px 4px 4px  
4px #D04459 }
```

# Background

The CSS property to change the background color of an element to Hex D04459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04459 }
```

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

```
.background{ background-color:#D04459 }
```

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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