

# Converting Colors

Hex(DC4366)

Have a look what the booklet for  
Hex(DC4366) contains.

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# Color

**Hex(DC4366)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC4366
RGB	220, 67, 102
RGB Percent	86%, 26%, 40%
CMY	0.1373, 0.7373, 0.6000
CMYK	0.00, 0.70, 0.54, 0.14
HSL	346°, 69%, 56%
HSV	346°, 70%, 86%
XYZ	33.9206, 20.1893, 14.6795
YIQ	116.7370, 79.9530, 43.3210

# Conversions

## Conversions Part 2

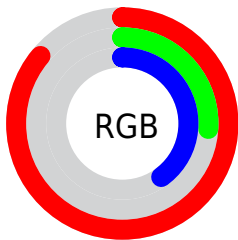
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 67, 102
Decimal	14435174
CIE <sub>Lab</sub>	52.05, 61.34, 14.78
CIE <sub>LCh</sub>	52, 63.093, 13.544
Yxy	20.1893, 0.4931, 0.2935
Android (android.graphics.Color)	4292625254 (0xFFDC4366)
YUV	116.7370, -7.2653, 90.5617
Hunter-Lab	44.9325, 56.1223, 12.0826

# Details

The Hex color **DC4366** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **43DCB9**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF7D99**, and **9F0038** is the 20% darker color. If you saturate the color by 10%, you get **DC2D55**, and if you desaturate by 10%, it is **DC5977**.

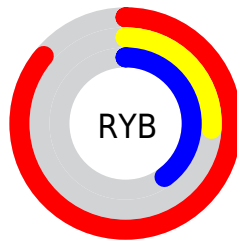
# Distribution



Red (86%)

Green (26%)

Blue (40%)



Red (86%)

Yellow (26%)

Blue (40%)

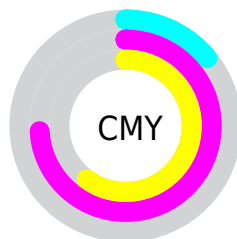


Cyan (0%)

Magenta (70%)

Yellow (54%)

Black (14%)



Cyan (14%)

Magenta (74%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC4366 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 DC4366 by changing the saturation by 10% instead.



 DC4366

 DC4366

FFFFFF

 BD224E

 FF7D99

 9F0038

 FF99B3

 810023

 FFB6CF

 63000D

 FFD3EB

 470002

 FFF0FF

 280001

 000000

 DC4366

 DC4366

 DC2D55

 DC5977

 DC1744

 DC6F88

 DC0133

 DC8599

 DC0032

 DC9BAA

 DCB1BB

 DCC7CC

 DCDDDD

 DCF3EE

 DCFFFF

# Harmonies

## Analogous

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



CD499C



DC4366



CF5633

# Triad

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



DC4366



3F8D25



008BE4

# Complementary

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



DC4366



43DCB9

# 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.



0093C6



DC4366



00935B

# Square

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



DC4366



7E8100



009594



2A7AE6

# Rectangle

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



DC4366



BA6710



009594



008EDD



# Sweetspot

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



DC4366



FFC9D6



B843DC



806067



000000



808080



# Same Dimension

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



DC4366



FF2B5C



DC6C43



6E6365



AD0028



2E000B



# Inverse Universe

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



DC4366



FF2B5C



43B3DC



6E6365



AD0028



2E000A



# Previews

## White Background



This preview shows how the Hex color DC4366 looks on a white background.

## Color Contrast Check

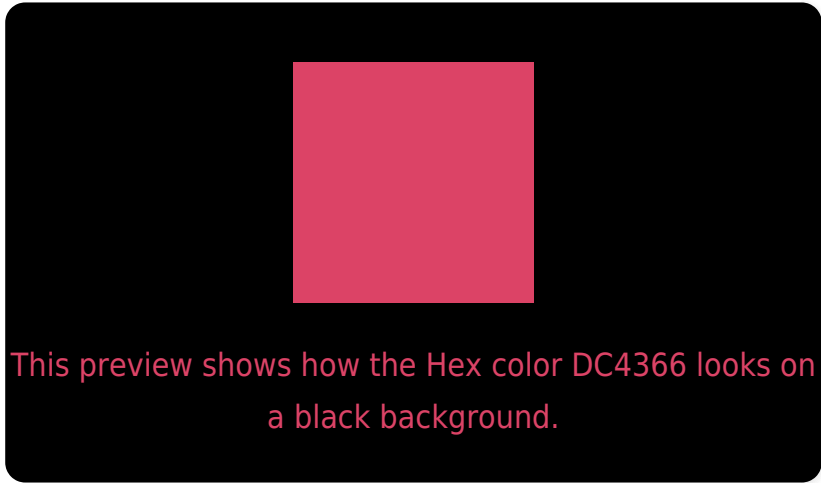
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC4366 Background



This preview shows how black text looks on a background with the Hex color DC4366.



This preview shows how white text looks on a background with the Hex color DC4366.

# 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**  
DC4366

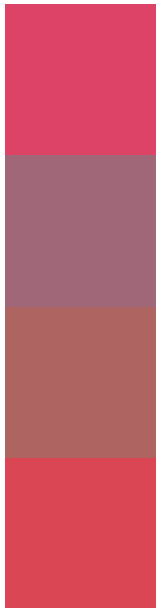
**Protanopia**  
7D7C83

**Deuteranopia**  
93785F



**Tritanopia**  
DB484C

# Trichromacy



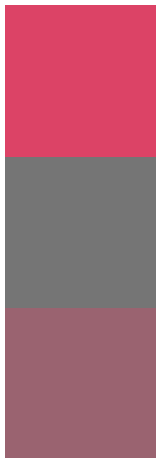
**Original Color**  
DC4366

**Protanomaly**  
A06778

**Deuteranomaly**  
AE6562

**Tritanomaly**  
DB4655

# Monochromacy



**Original Color**  
DC4366

**Achromatopsia**  
757575

**Achromatomaly**  
9A6370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC4366 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 #DC4366 looks like.

```
.text, #text, p{  
    color:#DC4366  
}
```

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 #DC4366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC4366  
}
```

## Border

The CSS property to change the border of an element to Hex DC4366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

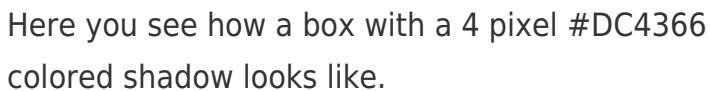
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#DC4366 }
```

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

```
.border{ border-color:#DC4366 }
```

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



Here you see how a box with a 4 pixel #DC4366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC4366; -webkit-box-shadow:4px 4px  
4px 4px #DC4366; box-shadow:4px 4px 4px  
4px #DC4366 }
```

# Background

The CSS property to change the background color of an element to Hex DC4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC4366 }
```

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

```
.background{ background-color:#DC4366 }
```

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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