

# Converting Colors

Hex(DC4559)

Have a look what the booklet for  
Hex(DC4559) contains.

<b>Hex(DC4559)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(DC4559)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC4559
RGB	220, 69, 89
RGB Percent	86%, 27%, 35%
CMY	0.1373, 0.7294, 0.6510
CMYK	0.00, 0.69, 0.60, 0.14
HSL	352°, 68%, 57%
HSV	352°, 69%, 86%
XYZ	33.4465, 20.1932, 11.5860
YIQ	116.4290, 83.5760, 38.2320

# Conversions

## Conversions Part 2

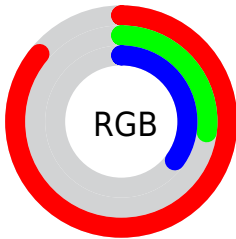
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 69, 89
Decimal	14435673
CIE Lab	52.05, 59.66, 22.56
CIE LCh	52, 63.783, 20.716
Yxy	20.1932, 0.5128, 0.3096
Android (android.graphics.Color)	4292625753 (0xFFDC4559)
YUV	116.4290, -13.5225, 90.8318
Hunter-Lab	44.9368, 54.2183, 16.1690

# Details

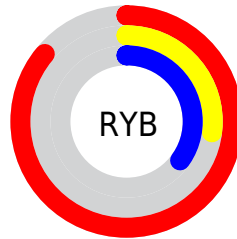
The Hex color **DC4559** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **45DCC8**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF7E8B**, and **9E002C** is the 20% darker color. If you saturate the color by 10%, you get **DC2F46**, and if you desaturate by 10%, it is **DC5B6C**.

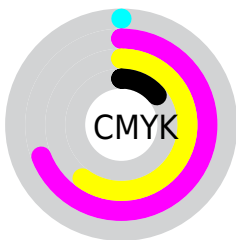
# Distribution



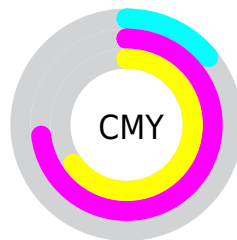
- Red (86%)
- Green (27%)
- Blue (35%)



- Red (86%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (73%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC4559 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 DC4559 by changing the saturation by 10% instead.



 DC4559

 DC4559

FFFFFF

 BD2542

 FF7E8B

 9E002C

 FF9AA5

 800018

 FFB7C0

 620000

 FFD4DC

 460002

 FFF1F8

 270001

 000000

 DC4559

 DC4559

 DC2F46

 DC5B6C

 DC1933

 DC717F

 DC0320

 DC8792

 DC001D

 DC9DA5

 DCB3B8

 DCC9CC

 DCDFDF

 DCF5F2

 DCFFFF

# Harmonies

## Analogous

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



D54490



DC4559



C95C26

# Triad

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



DC4559



238F31



0088E9

# Complementary

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



DC4559



45DCC8

# 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.



0092D0



DC4559



009469

# Square

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



DC4559



718500



0095A1



5575E3

# Rectangle

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



DC4559



B26C00



0095A1



008CE4



# Sweetspot

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



DC4559



FFC9D1



C845DC



806064



000000



808080



# Same Dimension

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



DC4559



FF2E4A



DC7C45



6E6364



AD0017



2E0006



# Inverse Universe

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



DC4559



FF2E4A



45A5DC



6E6364



AD0017

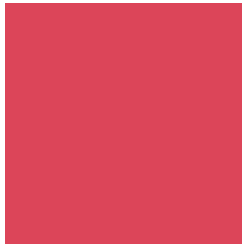


2E0006



# Previews

## White Background



This preview shows how the Hex color DC4559 looks on a white background.

## Color Contrast Check

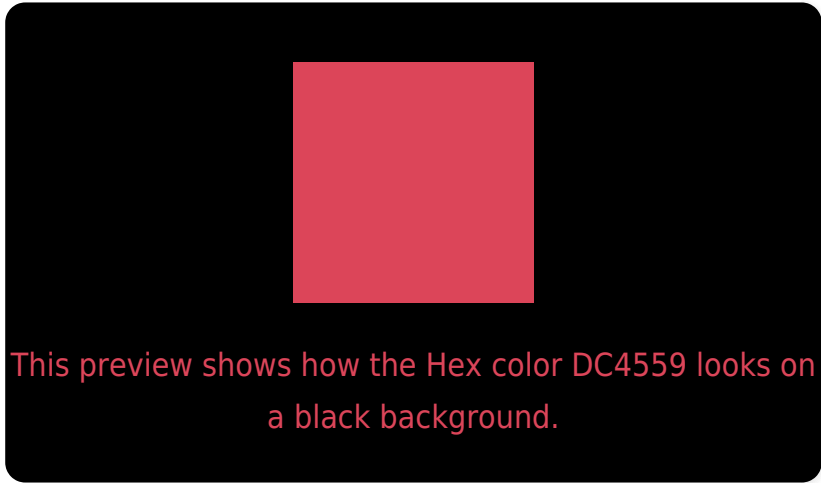
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC4559 Background



This preview shows how black text looks on a background with the Hex color DC4559.



This preview shows how white text looks on a background with the Hex color DC4559.

# 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**  
DC4559

**Protanopia**  
817C72

**Deuteranopia**  
967751



**Tritanopia**  
DB474B

# Trichromacy



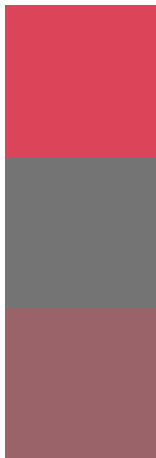
**Original Color**  
DC4559

**Protanomaly**  
A26869

**Deuteranomaly**  
AF6554

**Tritanomaly**  
DB4650

# Monochromacy



**Original Color**  
DC4559

**Achromatopsia**  
747474

**Achromatomaly**  
9A636A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC4559 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 #DC4559 looks like.

```
.text, #text, p{  
    color:#DC4559  
}
```

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 #DC4559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC4559
}
```

## Border

The CSS property to change the border of an element to Hex DC4559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

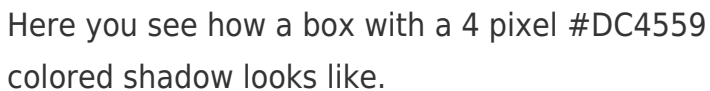
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DC4559 }
```

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

```
.border{ border-color:#DC4559 }
```

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



Here you see how a box with a 4 pixel #DC4559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC4559; -webkit-box-shadow:4px 4px  
4px 4px #DC4559; box-shadow:4px 4px 4px  
4px #DC4559 }
```

# Background

The CSS property to change the background color of an element to Hex DC4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC4559 }
```

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

```
.background{ background-color:#DC4559 }
```

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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