

# Converting Colors

Hex(DE539B)

Have a look what the booklet for  
Hex(DE539B) contains.

<b>Hex(DE539B)</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(DE539B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE539B
RGB	222, 83, 155
RGB Percent	87%, 33%, 61%
CMY	0.1294, 0.6745, 0.3922
CMYK	0.00, 0.63, 0.30, 0.13
HSL	329°, 68%, 60%
HSV	329°, 63%, 87%
XYZ	39.1339, 24.0827, 33.5962
YIQ	132.7690, 59.7320, 51.8600

# Conversions

## Conversions Part 2

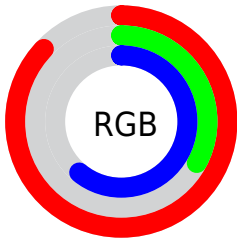
Format	Color
R <sub>Y</sub> B	222, 83, 155
Decimal	14570395
CIE Lab	56.17, 60.89, -10.72
CIE LCh	56, 61.826, 350.020
Yxy	24.0827, 0.4042, 0.2488
Android (android.graphics.Color)	4292760475 (0xFFDE539B)
YUV	132.7690, 10.9599, 78.2556
Hunter-Lab	49.0741, 56.4641, -6.2381

# Details

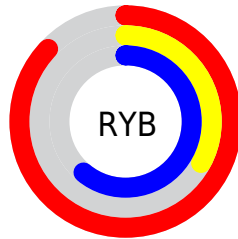
The Hex color **DE539B** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **53DE96**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8BD1**, and **A30E68** is the 20% darker color. If you saturate the color by 10%, you get **DE3D90**, and if you desaturate by 10%, it is **DE69A6**.

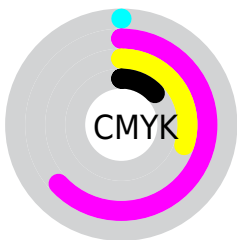
# Distribution



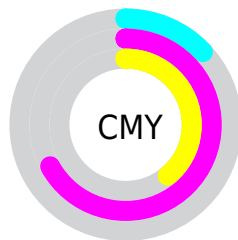
- Red (87%)
- Green (33%)
- Blue (61%)



- Red (87%)
- Yellow (33%)
- Blue (61%)



- Cyan (0%)
- Magenta (63%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (67%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE539B 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 DE539B by changing the saturation by 10% instead.



 DE539B

 DE539B

FFFFFF

 C03581

 FF8BD1

 A30E68

 FFA8EE

 860050

 FFC5FF

 6A0039

 FFE2FF

 4E0023

 34000C

 030000

 000000

 DE539B

 DE539B

 DE3D90

 DE69A6

 DE2786

 DE7FB0

 DE107B

 DE96BB

 DE0073

 DEACC6

 DEC2D1

 DED8DB

 DEEEE6

 DEFFF1

 DEFFFB

# Harmonies

## Analogous

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



B568CC



DE539B



E65365

# Triad

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



DE539B



7E8F0B



009CD8

# Complementary

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



DE539B



53DE96

# 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.



00A0AA



DE539B



39993D

# Square

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



DE539B



B07E06



009F72



0092F1

# Rectangle

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



DE539B



DD6044



009F72



009ECB



# Sweetspot

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



DE539B



FFCFE8



9453DE



806271



000000



808080



# Same Dimension

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



DE539B



FF40A3



DE5358



70656B



B0005B



300019



# Inverse Universe

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



DE539B



FF40A3



53DED9



70656B



B0005B



300019



# Previews

## White Background



This preview shows how the Hex color DE539B looks on a white background.

## Color Contrast Check

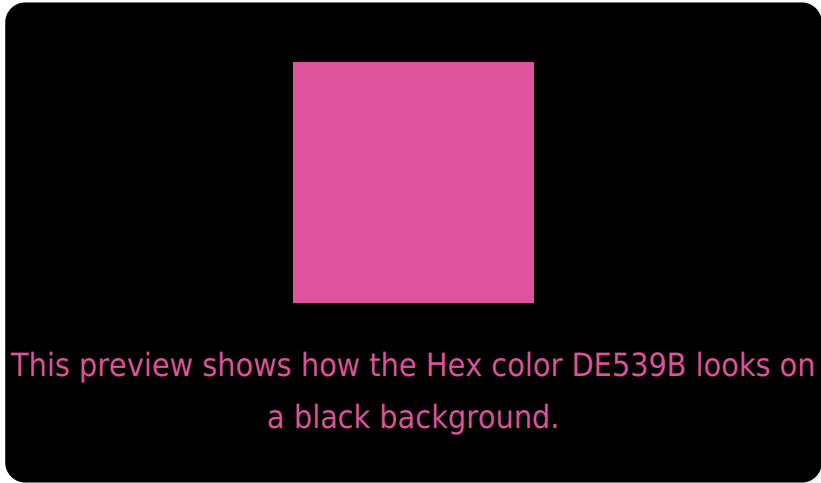
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE539B Background



This preview shows how black text looks on a background with the Hex color DE539B.



This preview shows how white text looks on a background with the Hex color DE539B.

# 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**  
DE539B

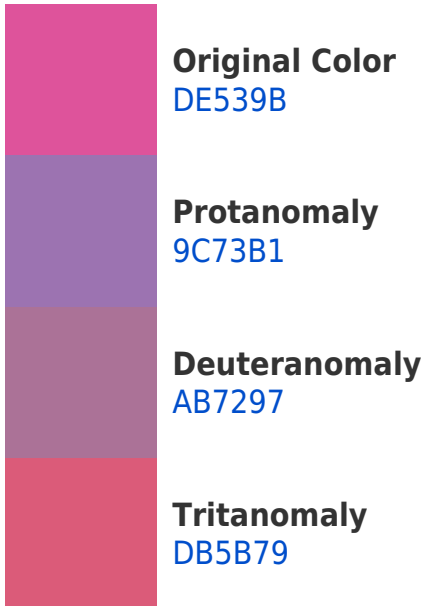
**Protanopia**  
7685BE

**Deuteranopia**  
8E8394



**Tritanopia**  
DA5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE539B 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 #DE539B looks like.

```
.text, #text, p{  
    color:#DE539B  
}
```

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 #DE539B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE539B }  
}
```

## Border

The CSS property to change the border of an element to Hex DE539B 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 #DE539B }  
}
```

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

```
.border{ border-color:#DE539B }
```

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

Here you see how a box with a 4 pixel #DE539B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE539B; -webkit-box-shadow:4px 4px  
4px 4px #DE539B; box-shadow:4px 4px 4px  
4px #DE539B }
```

# Background

The CSS property to change the background color of an element to Hex DE539B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE539B }
```

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

```
.background{ background-color:#DE539B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor