

# Converting Colors

Hex(BE559D)

Have a look what the booklet for  
Hex(BE559D) contains.

<b>Hex(BE559D)</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(BE559D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE559D
RGB	190, 85, 157
RGB Percent	75%, 33%, 62%
CMY	0.2549, 0.6667, 0.3843
CMYK	0.00, 0.55, 0.17, 0.25
HSL	319°, 45%, 54%
HSV	319°, 55%, 75%
XYZ	30.5695, 19.8785, 34.1240
YIQ	124.6030, 39.4680, 44.6520

# Conversions

## Conversions Part 2

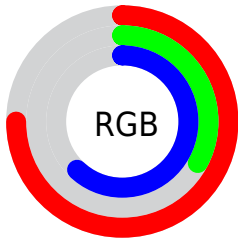
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 85, 157
Decimal	12473757
CIE <sub>Lab</sub>	51.70, 50.76, -19.13
CIE <sub>LCh</sub>	52, 54.249, 339.354
Yxy	19.8785, 0.3615, 0.2350
Android (android.graphics.Color)	4290663837 (0xFFBE559D)
YUV	124.6030, 15.9717, 57.3532
Hunter-Lab	44.5853, 44.3627, -14.1688

# Details

The Hex color **BE559D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **55BE76**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F88BD4**, and **861D6A** is the 20% darker color. If you saturate the color by 10%, you get **BE4297**, and if you desaturate by 10%, it is **BE68A3**.

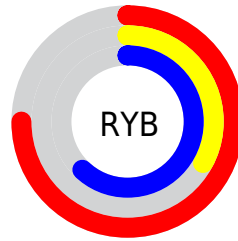
# Distribution



Red (75%)

Green (33%)

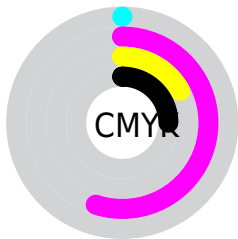
Blue (62%)



Red (75%)

Yellow (33%)

Blue (62%)

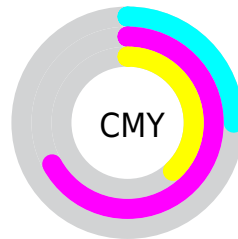


Cyan (0%)

Magenta (55%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (67%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE559D 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 BE559D by changing the saturation by 10% instead.



 BE559D

 BE559D

FFFFFF

 A23A83

 F88BD4

 861D6A

 FFA6F0

 6B0051

 FFC3FF

 50003A

 FFDFFF

 380025

 FFFDFD

 1A000C

 000000

 BE559D

 BE559D

 BE4297

 BE68A3

 BE2F91

 BE7BA9

 BE1C8B

 BE8EAF

 BE0985

 BEA1B5

 BE0082

 BEB4BB

 BEC7C1

 BEDAC7

 BEEDCD

 BEFFD3

# Harmonies

## Analogous

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



9068C3



BE559D



CF4E6F

# Triad

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



BE559D



857E10



0090B5

# Complementary

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



BE559D



55BE76

# 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.



009189



BE559D



53892E

# Square

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



BE559D



AD6D1F



008F59



0089D2

# Rectangle

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



BE559D



CC5551



008F59



0091A8



# Sweetspot

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



BE559D



F7CDEA



7455BE



7D6475



FCFCFC



7D7D7D



# Same Dimension

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



BE559D



F754C4



BE556A



5E555B



9E006C



1F0015



# Inverse Universe

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



BE559D



F754C4



55BEA9



5E555B



9E006C



1F0015



# Previews

## White Background



This preview shows how the Hex color BE559D 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 BE559D Background



This preview shows how black text looks on a background with the Hex color BE559D.

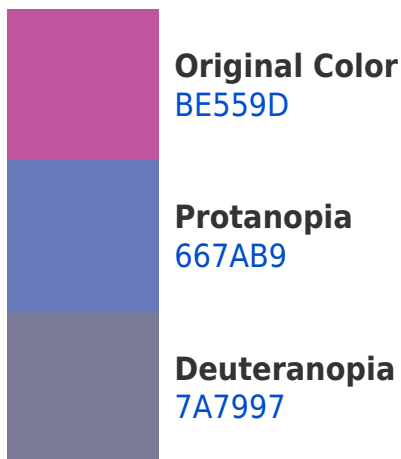


This preview shows how white text looks on a background with the Hex color BE559D.

# 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](#).

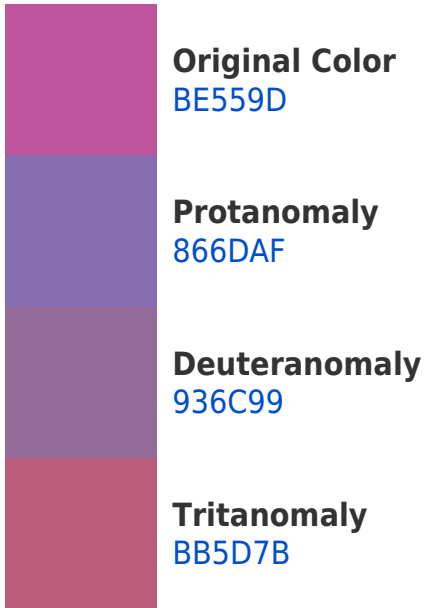
## Dichromacy



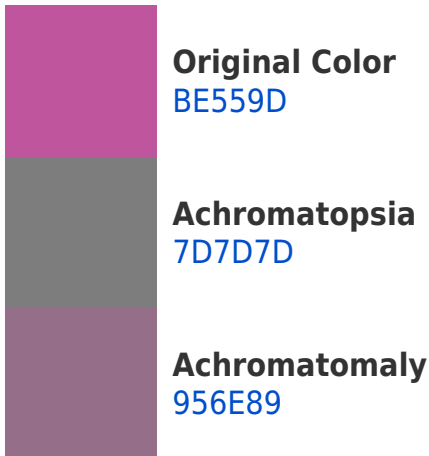


**Tritanopia**  
B96168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE559D 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 #BE559D looks like.

```
.text, #text, p{  
    color:#BE559D  
}
```

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 #BE559D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE559D
}
```

## Border

The CSS property to change the border of an element to Hex BE559D is called "border". The border property can be set on classes, ids or directly on the HTML element.

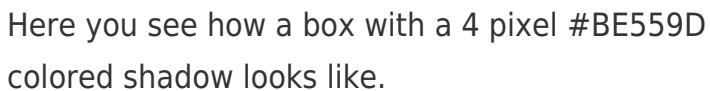
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE559D }
```

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

```
.border{ border-color:#BE559D }
```

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



Here you see how a box with a 4 pixel #BE559D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE559D; -webkit-box-shadow:4px 4px  
4px 4px #BE559D; box-shadow:4px 4px 4px  
4px #BE559D }
```

# Background

The CSS property to change the background color of an element to Hex BE559D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE559D }
```

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

```
.background{ background-color:#BE559D }
```

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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