

# Converting Colors

Hex(85629F)

Have a look what the booklet for  
Hex(85629F) contains.

<b>Hex(85629F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(85629F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85629F
RGB	133, 98, 159
RGB Percent	52%, 38%, 62%
CMY	0.4784, 0.6157, 0.3765
CMYK	0.16, 0.38, 0.00, 0.38
HSL	274°, 24%, 50%
HSV	274°, 38%, 62%
XYZ	20.2986, 16.2251, 34.8628
YIQ	115.4190, 1.2790, 26.3910

# Conversions

## Conversions Part 2

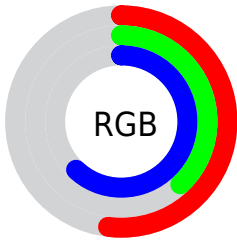
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 98, 159
Decimal	8741535
CIE <sub>Lab</sub>	47.27, 26.16, -27.74
CIE <sub>LCh</sub>	47, 38.129, 313.319
Yxy	16.2251, 0.2843, 0.2273
Android (android.graphics.Color)	4286931615 (0xFF85629F)
YUV	115.4190, 21.4854, 15.4185
Hunter-Lab	40.2804, 19.4610, -23.1194

# Details

The Hex color **85629F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7C9F62**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BB95D6**, and **52336B** is the 20% darker color. If you saturate the color by 10%, you get **7E529F**, and if you desaturate by 10%, it is **8C729F**.

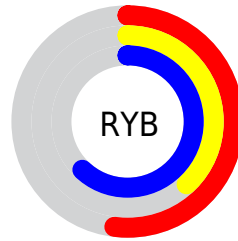
# Distribution



Red (52%)

Green (38%)

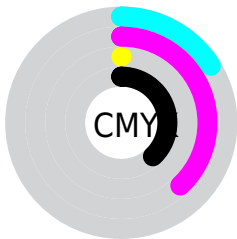
Blue (62%)



Red (52%)

Yellow (38%)

Blue (62%)

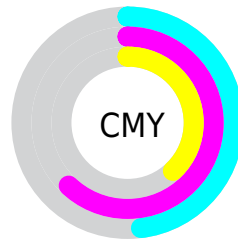


Cyan (16%)

Magenta (38%)

Yellow (0%)

Black (38%)



Cyan (48%)

Magenta (62%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85629F 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 85629F by changing the saturation by 10% instead.



85629F

85629F

FFFFFF

6B4A85

BB95D6

52336B

D7B0F2

3A1C53

F4CCFF

22063B

FFE8FF

080025

00010E

000000

85629F

85629F

7E529F

8C729F

77429F

93829F

71329F

99929F

6A229F

A0A29F

63129F

A7B29F

5C039F

AEC19F

5B009F

B4D19F

BBE19F

C2F19F

# Harmonies

## Analogous

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



546FAE



85629F



A25783

# Triad

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



85629F



926832



00807E

# Complementary

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



85629F



7C9F62

# 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.



1B7F5D



85629F



75732F

# Square

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



85629F



A65C46



527B40



007E9B

# Rectangle

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



85629F



AB556E



527B40



008073



# Sweetspot

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



85629F



C4B6CF



627C9F



625A69



E8E8E8



696969



# Same Dimension

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



85629F



A670CF



9F629B



4C474F



52008F



09000F



# Inverse Universe

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



9F627C



CF7098



629F66



4F474B



8F003D

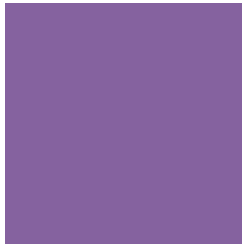


0F0007



# Previews

## White Background



This preview shows how the Hex color 85629F looks on a white background.

## Color Contrast Check

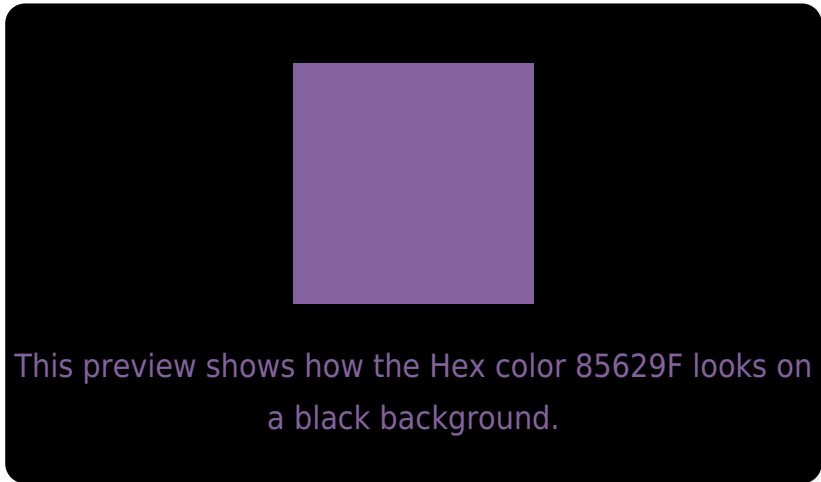
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

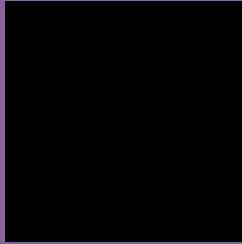
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85629F Background



This preview shows how black text looks on a background with the Hex color 85629F.



This preview shows how white text looks on a background with the Hex color 85629F.

# 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](#).

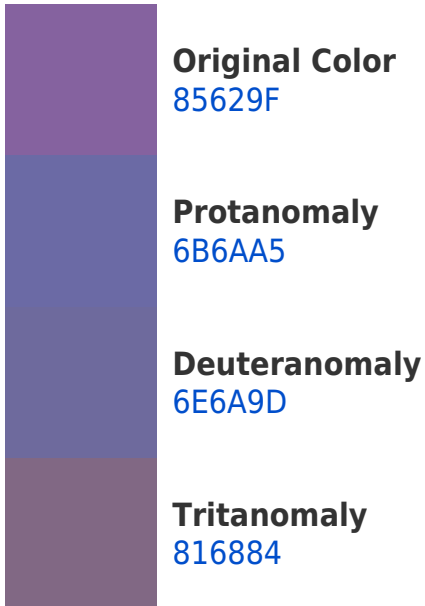
## Dichromacy



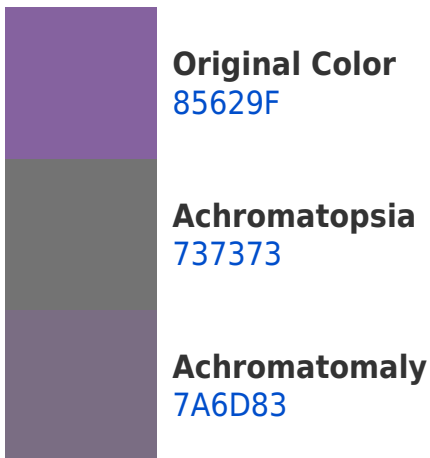


**Tritanopia**  
7E6B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85629F 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 #85629F looks like.

```
.text, #text, p{  
    color:#85629F  
}
```

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 #85629F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85629F
}
```

## Border

The CSS property to change the border of an element to Hex 85629F is called "border". The border property can be set on classes, ids or directly on the HTML element.

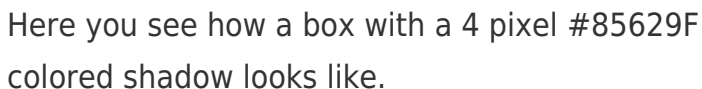
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85629F }
```

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

```
.border{ border-color:#85629F }
```

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



Here you see how a box with a 4 pixel #85629F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85629F; -webkit-box-shadow:4px 4px  
4px 4px #85629F; box-shadow:4px 4px 4px  
4px #85629F }
```

# Background

The CSS property to change the background color of an element to Hex 85629F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85629F }
```

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

```
.background{ background-color:#85629F }
```

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