

# Converting Colors

Hex(82629E)

Have a look what the booklet for  
Hex(82629E) contains.

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# Color

**Hex(82629E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82629E
RGB	130, 98, 158
RGB Percent	51%, 38%, 62%
CMY	0.4902, 0.6157, 0.3804
CMYK	0.18, 0.38, 0.00, 0.38
HSL	272°, 24%, 50%
HSV	272°, 38%, 62%
XYZ	19.7452, 15.9498, 34.3857
YIQ	114.4080, -0.1880, 25.4440

# Conversions

## Conversions Part 2

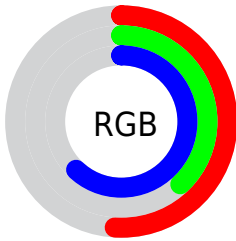
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 98, 158
Decimal	8544926
CIE <sub>Lab</sub>	46.91, 24.97, -27.73
CIE <sub>LCh</sub>	47, 37.318, 311.996
Yxy	15.9498, 0.2817, 0.2276
Android (android.graphics.Color)	4286735006 (0xFF82629E)
YUV	114.4080, 21.4909, 13.6742
Hunter-Lab	39.9372, 18.3612, -23.0923

# Details

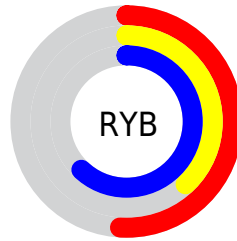
The Hex color **82629E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **7E9E62**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B895D5**, and **4F336A** is the 20% darker color. If you saturate the color by 10%, you get **7B529E**, and if you desaturate by 10%, it is **89729E**.

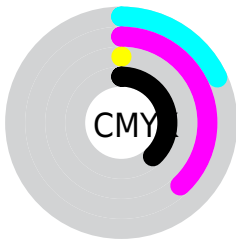
# Distribution



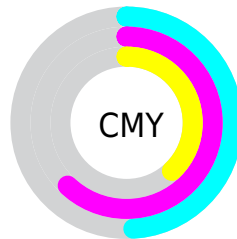
- Red (51%)
- Green (38%)
- Blue (62%)



- Red (51%)
- Yellow (38%)
- Blue (62%)



- Cyan (18%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



- Cyan (49%)
- Magenta (62%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82629E 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 82629E by changing the saturation by 10% instead.



82629E

82629E

FFFFFF

684A84

B895D5

4F336A

D4B0F1

371D52

F0CCFF

20073A

FFE8FF

020025

00000C

000000

82629E

82629E

7B529E

89729E

73429E

91829E

6C339E

98919E

65239E

9FA19E

5D139E

A7B19E

56039E

AEC19E

54009E

B6D19E

BDE09E

C4F09E

# Harmonies

## Analogous

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



516EAC



82629E



9F5883

# Triad

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



82629E



916733



007F7B

# Complementary

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



82629E



7E9E62

# 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.



217E5B



82629E



76712F

# Square

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



82629E



A45B47



53793F



007D98

# Rectangle

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



82629E



A9556E



53793F



007F70



# Sweetspot

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



82629E



C4B8CF



627E9E



625B69



E8E8E8



696969



# Same Dimension

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



82629E



A270CF



9E629C



4B474F



4C008F



08000F



# Inverse Universe

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



9E627E



CF709C



629E64



4F474B



8F0043

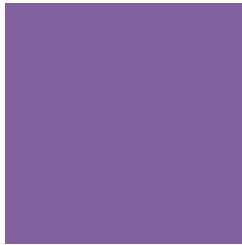


0F0007



# Previews

## White Background



This preview shows how the Hex color 82629E looks on a white background.

## Color Contrast Check

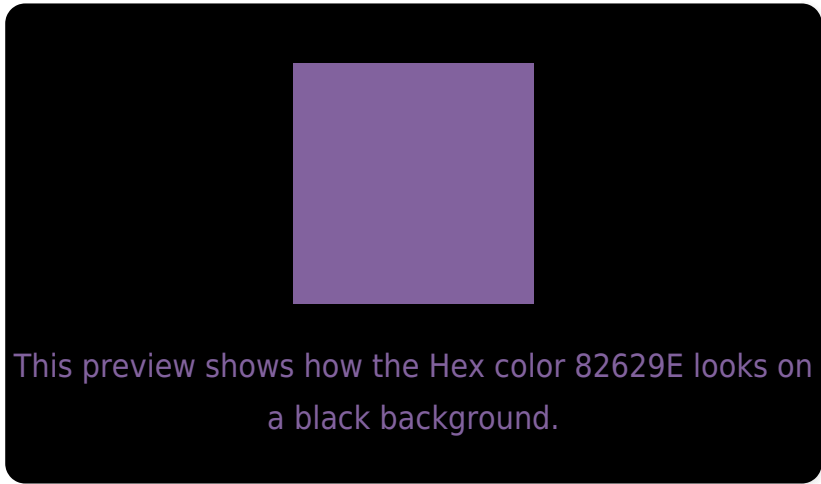
Large Text (above 18pt) WCAG AA ✓ Pass

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

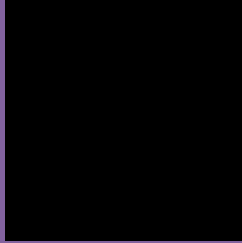
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 82629E Background



This preview shows how black text looks on a background with the Hex color 82629E.

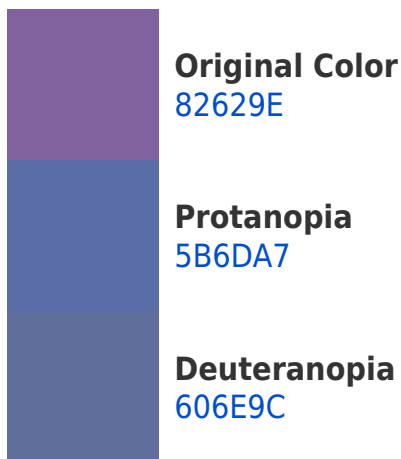



This preview shows how white text looks on a background with the Hex color 82629E.

# 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](#).

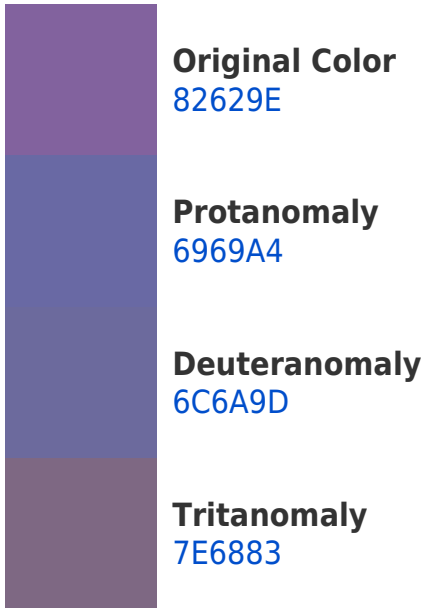
## Dichromacy





**Tritanopia**  
7B6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82629E 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 #82629E looks like.

```
.text, #text, p{  
    color:#82629E  
}
```

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 #82629E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82629E
}
```

## Border

The CSS property to change the border of an element to Hex 82629E is called "border". The border property can be set on classes, ids or directly on the HTML element.

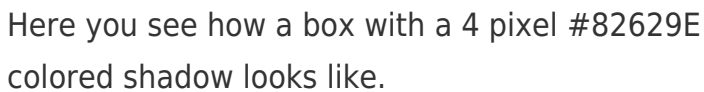
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82629E }
```

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

```
.border{ border-color:#82629E }
```

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



Here you see how a box with a 4 pixel #82629E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82629E; -webkit-box-shadow:4px 4px  
4px 4px #82629E; box-shadow:4px 4px 4px  
4px #82629E }
```

# Background

The CSS property to change the background color of an element to Hex 82629E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82629E }
```

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

```
.background{ background-color:#82629E }
```

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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