

# Converting Colors

Hex(57829E)

Have a look what the booklet for  
Hex(57829E) contains.

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# Color

Hex(57829E)

# Conversions

## Conversions Part 1

Format	Color
Hex	57829E
RGB	87, 130, 158
RGB Percent	34%, 51%, 62%
CMY	0.6588, 0.4902, 0.3804
CMYK	0.45, 0.18, 0.00, 0.38
HSL	204°, 29%, 48%
HSV	204°, 45%, 62%
XYZ	18.0847, 20.4601, 35.3438
YIQ	120.3350, -34.6160, -0.4080

# Conversions

## Conversions Part 2

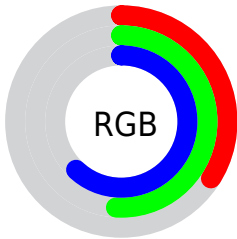
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 114, 158
Decimal	5735070
CIELab	52.35, -7.05, -19.60
CIELCh	52, 20.828, 250.228
Yxy	20.4601, 0.2448, 0.2769
Android (android.graphics.Color)	4283925150 (0xFF57829E)
YUV	120.3350, 18.5688, -29.2348
Hunter-Lab	45.2329, -7.7910, -14.6647

# Details

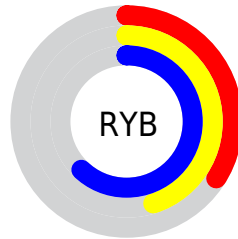
The Hex color **57829E** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9E7357**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8CB7D5**, and **22516B** is the 20% darker color. If you saturate the color by 10%, you get **477C9E**, and if you desaturate by 10%, it is **67889E**.

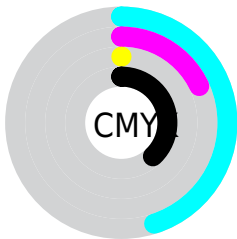
# Distribution



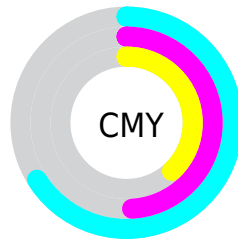
- Red (34%)
- Green (51%)
- Blue (62%)



- Red (34%)
- Yellow (45%)
- Blue (62%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (49%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57829E 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 57829E by changing the saturation by 10% instead.



■ 57829E

■ 57829E

FFFFFF

■ 3D6984

■ 8CB7D5

■ 22516B

■ A7D2F1

■ 003A52

■ C3EFFF

■ 00243B

■ E0FFFF

■ 000F25

■ F0FFFF

■ 00010F

■ 000000

■ 57829E

■ 57829E

■ 477C9E

■ 67889E

■ 37769E

■ 778E9E

■ 286F9E

■ 86959E

■ 18699E

■ 969B9E

■ 08639E

■ A6A19E

■ 00609E

■ B6A79E

■ C6AE9E

■ D5B49E

■ E5BA9E

# Harmonies

## Analogous

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



488693



57829E



6F7CA0

# Triad

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



57829E



A17077



708361

# Complementary

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



57829E



9E7357

# 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.



847E5A



57829E



9F7267

# Square

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



57829E



997189



94785C



5B8670

# Rectangle

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



57829E



80789C



94785C



77815E



# Sweetspot

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



57829E



B4C4CF



579E72



586269



E8E8E8



696969



# Same Dimension

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



57829E



5FA3CF



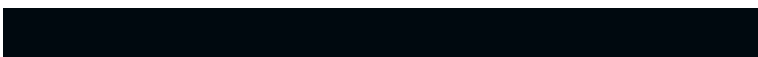
575F9E



474C4F



00568F



00090F



# Inverse Universe

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



9E5782



CF5FA3



9E9657



4F474C



8F0056



0F0009



# Previews

## White Background



This preview shows how the Hex color 57829E looks on a white background.

## Color Contrast Check

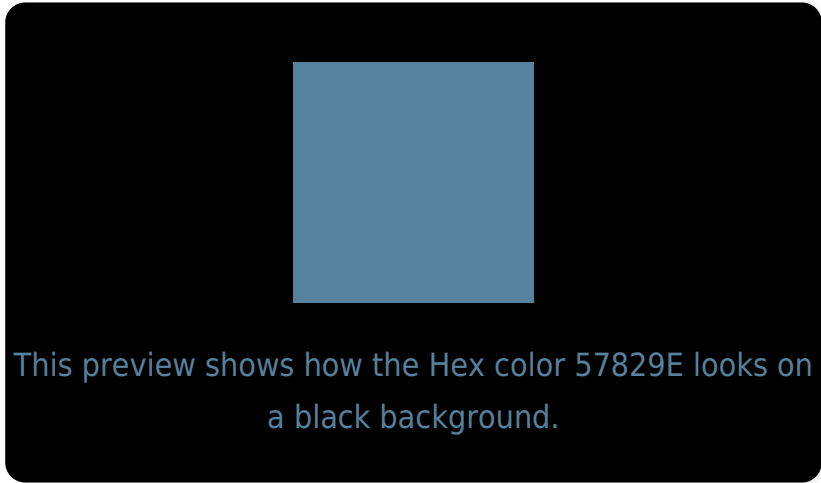
Large Text (above 18pt) WCAG AA ✓ Pass

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

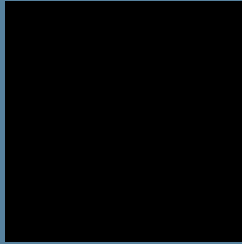
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 57829E Background



This preview shows how black text looks on a background with the Hex color 57829E.

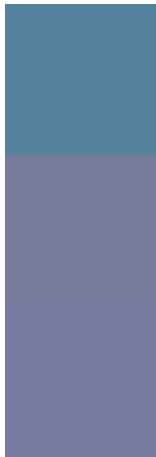


This preview shows how white text looks on a background with the Hex color 57829E.

# 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**  
57829E

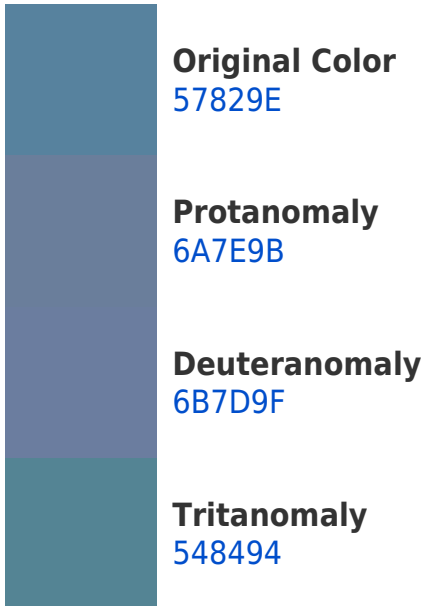
**Protanopia**  
757B99

**Deuteranopia**  
767AA0

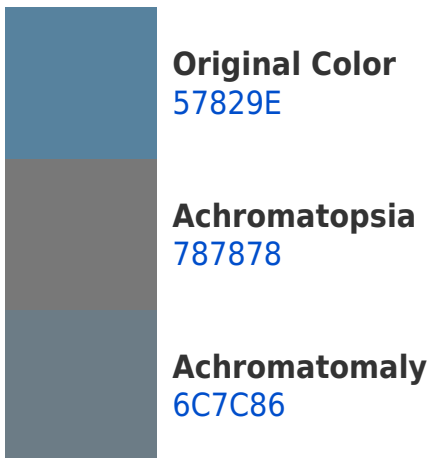


**Tritanopia**  
53858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57829E 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 #57829E looks like.

```
.text, #text, p{  
    color:#57829E  
}
```

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 #57829E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57829E
}
```

## Border

The CSS property to change the border of an element to Hex 57829E 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
#57829E }
```

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

```
.border{ border-color:#57829E }
```

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

Here you see how a box with a 4 pixel #57829E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57829E; -webkit-box-shadow:4px 4px  
4px 4px #57829E; box-shadow:4px 4px 4px  
4px #57829E }
```

# Background

The CSS property to change the background color of an element to Hex 57829E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57829E }
```

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

```
.background{ background-color:#57829E }
```

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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