

# Converting Colors

Hex(57619E)

Have a look what the booklet for  
Hex(57619E) contains.

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# Color

Hex(57619E)

# Conversions

## Conversions Part 1

Format	Color
Hex	57619E
RGB	87, 97, 158
RGB Percent	34%, 38%, 62%
CMY	0.6588, 0.6196, 0.3804
CMYK	0.45, 0.39, 0.00, 0.38
HSL	232°, 29%, 48%
HSV	232°, 45%, 62%
XYZ	14.3767, 13.0442, 34.1078
YIQ	100.9640, -25.5410, 16.8510

# Conversions

## Conversions Part 2

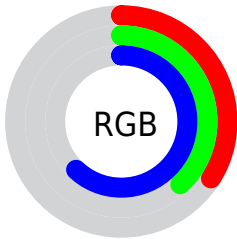
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 96, 158
Decimal	5726622
CIELab	42.83, 12.83, -34.40
CIElCh	43, 36.713, 290.453
Yxy	13.0442, 0.2337, 0.2120
Android (android.graphics.Color)	4283916702 (0xFF57619E)
YUV	100.9640, 28.1187, -12.2464
Hunter-Lab	36.1168, 7.8496, -30.7102

# Details

The Hex color **57619E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9E9457**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8C93D5**, and **22336A** is the 20% darker color. If you saturate the color by 10%, you get **47539E**, and if you desaturate by 10%, it is **676F9E**.

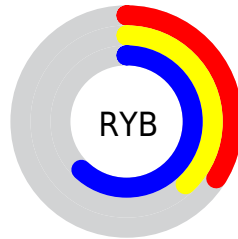
# Distribution



Red (34%)

Green (38%)

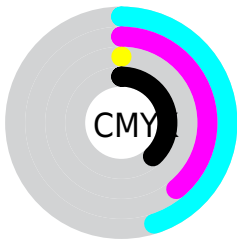
Blue (62%)



Red (34%)

Yellow (38%)

Blue (62%)

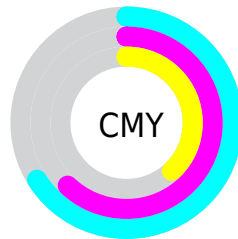


Cyan (45%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (66%)

Magenta (62%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57619E 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 57619E by changing the saturation by 10% instead.



■ 57619E

■ 57619E

FFFFFF

■ 3D4984

■ 8C93D5

■ 22336A

■ A7AEF1

■ 001E52

■ C3C9FF

■ 00053A

■ E0E5FF

■ 000224

FDFFFF

■ 00000C

■ 000000

■ 57619E

■ 57619E

■ 47539E

■ 676F9E

■ 37469E

■ 777C9E

■ 28389E

■ 868A9E

■ 182B9E

■ 96979E

■ 081D9E

■ A6A59E

■ 00169E

■ B6B29E

■ C6C09E

■ D5CE9E

■ E5DB9E

# Harmonies

## Analogous

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



006BA1



57619E



81558C

# Triad

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



57619E



945537



00745A

# Complementary

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



57619E



9E9457

# 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.



3E703D



57619E



7F6027

# Square

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



57619E



9E4C52



626A29



007479

# Rectangle

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



57619E



924E7A



626A29



1A7350



# Sweetspot

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



57619E



B4B7CF



579E93



585A69



E8E8E8



696969



# Same Dimension

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



57619E



5F6FCF



70579E



47484F



00148F



00020F



# Inverse Universe

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



9E5761



CF5F6F



859E57



4F4748



8F0014

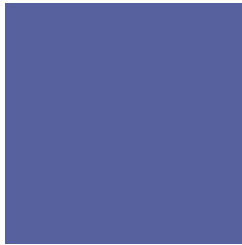


0F0002



# Previews

## White Background



This preview shows how the Hex color 57619E looks on a white background.

## Color Contrast Check

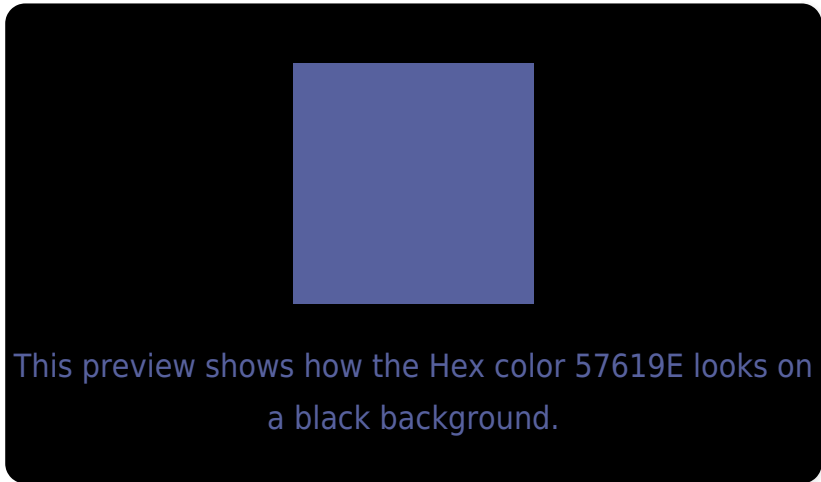
Large Text (above 18pt) WCAG AA ✓ Pass

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

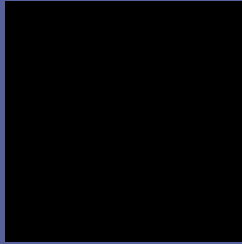
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57619E Background



This preview shows how black text looks on a background with the Hex color 57619E.

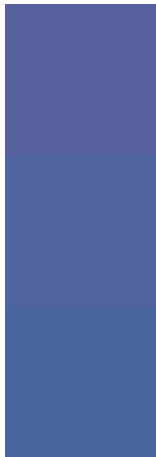


This preview shows how white text looks on a background with the Hex color 57619E.

# 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**  
57619E

**Protanopia**  
4E63A0

**Deuteranopia**  
48659D



**Tritanopia**  
4B6A73

# Trichromacy



**Original Color**  
57619E

**Protanomaly**  
51629F

**Deuteranomaly**  
4D649D

**Tritanomaly**  
4F6783

# Monochromacy



**Original Color**  
57619E

**Achromatopsia**  
656565

**Achromatomaly**  
60647A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57619E 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 #57619E looks like.

```
.text, #text, p{  
    color:#57619E  
}
```

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 #57619E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57619E
}
```

## Border

The CSS property to change the border of an element to Hex 57619E 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".

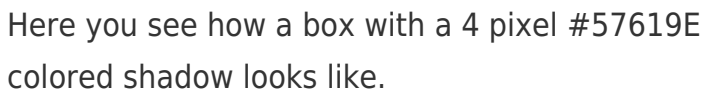
```
.border, #border, table{ border:4px solid
#57619E }
```

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

```
.border{ border-color:#57619E }
```

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

Here you see how a box with a 4 pixel #57619E colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57619E; -webkit-box-shadow:4px 4px  
4px 4px #57619E; box-shadow:4px 4px 4px  
4px #57619E }
```

# Background

The CSS property to change the background color of an element to Hex 57619E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57619E }
```

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

```
.background{ background-color:#57619E }
```

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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