

Converting Colors

Hex(61799C)

Have a look what the booklet for
Hex(61799C) contains.

Hex(61799C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61799C)

Conversions

Conversions Part 1

Format	Color
Hex	61799C
RGB	97, 121, 156
RGB Percent	38%, 47%, 61%
CMY	0.6196, 0.5255, 0.3882
CMYK	0.38, 0.22, 0.00, 0.39
HSL	216°, 23%, 50%
HSV	216°, 38%, 61%
XYZ	17.7679, 18.6164, 34.1094
YIQ	117.8140, -25.5390, 5.7970

Conversions

Conversions Part 2

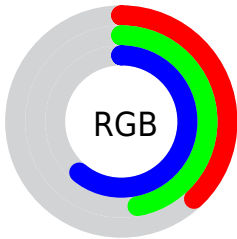
Format	Color
R_{YB}	97, 114, 156
Decimal	6388124
CIE Lab	50.24, 0.39, -21.63
CIE LCh	50, 21.636, 271.046
Yxy	18.6164, 0.2520, 0.2641
Android (android.graphics.Color)	4284578204 (0xFF61799C)
YUV	117.8140, 18.8257, -18.2539
Hunter-Lab	43.1468, -2.0003, -16.6685

Details

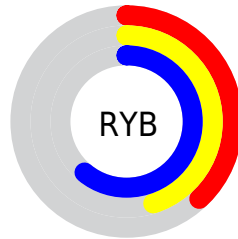
The Hex color **61799C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C8461**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **95ADD3**, and **2F4969** is the 20% darker color. If you saturate the color by 10%, you get **51709C**, and if you desaturate by 10%, it is **71829C**.

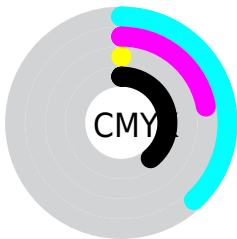
Distribution



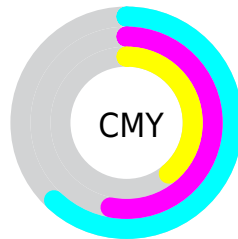
- Red (38%)
- Green (47%)
- Blue (61%)



- Red (38%)
- Yellow (45%)
- Blue (61%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (62%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61799C 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 61799C by changing the saturation by 10% instead.

■ 61799C

■ 61799C

FFFFFF

■ 486082

■ 95ADD3

■ 2F4969

■ B1C9EF

■ 153250

■ CDE5FF

■ 001D39

■ E9FFFF

■ 000324

■ 00000C

■ 000000

■ 61799C

■ 61799C

■ 51709C

■ 71829C

■ 42669C

■ 808C9C

■ 325D9C

■ 90959C

■ 23549C

■ 9F9E9C

■ 134B9C

■ AFA79C

■ 03419C

■ BFB19C

■ 003F9C

■ CEBA9C

■ DEC39C

■ EDCC9C

Harmonies

Analogous

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



497E97



61799C



7B7397

Triad

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



61799C



9C6B65



5B8065

Complementary

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



61799C



9C8461

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.



707C58



61799C



947058

Square

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



61799C



9B6A78



847753



488278

Rectangle

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



61799C



8A6E8F



847753



627F60

Sweetspot

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



61799C



B6BFCC



619C83



595E66



E6E6E6



666666

Same Dimension

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



61799C



7096CC



66619C



474A4F



003A8F



00060F

Inverse Universe

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



9C6179



CC7096



979C61



4F474A



8F003A



0F0006

Previews

White Background



This preview shows how the Hex color 61799C looks on a white background.

Color Contrast Check

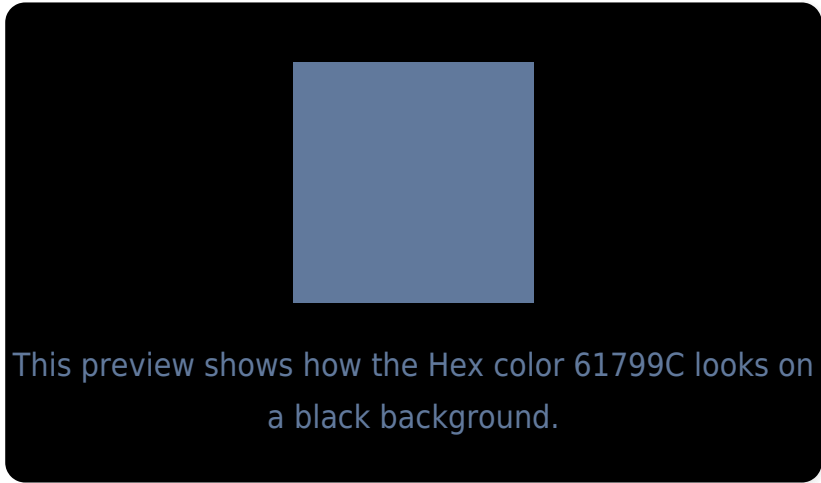
Large Text (above 18pt) WCAG AA ✓ Pass

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

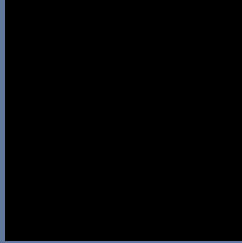
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

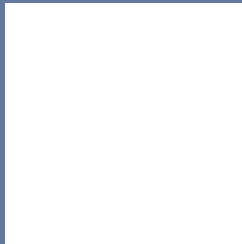
Any Text WCAG AAA × Fail

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

Hex 61799C Background



This preview shows how black text looks on a background with the Hex color 61799C.

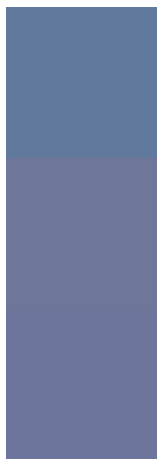


This preview shows how white text looks on a background with the Hex color 61799C.

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
61799C

Protanopia
6E769A

Deuteranopia
6E759D



Tritanopia
5C7D87

Trichromacy



Original Color
61799C

Protanomaly
69779B

Deuteranomaly
69769D

Tritanomaly
5E7C8F

Monochromacy



Original Color
61799C

Achromatopsia
767676

Achromatomaly
6E7784

CSS Examples

Text

The CSS property to change the color of the text to Hex 61799C 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 #61799C looks like.

```
.text, #text, p{  
    color:#61799C  
}
```

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 #61799C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61799C
}
```

Border

The CSS property to change the border of an element to Hex 61799C 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
#61799C }
```

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

```
.border{ border-color:#61799C }
```

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

Here you see how a box with a 4 pixel #61799C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61799C; -webkit-box-shadow:4px 4px  
4px 4px #61799C; box-shadow:4px 4px 4px  
4px #61799C }
```

Background

The CSS property to change the background color of an element to Hex 61799C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61799C }
```

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

```
.background{ background-color:#61799C }
```

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