

Converting Colors

Hex(61709C)

Have a look what the booklet for
Hex(61709C) contains.

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Color

Hex(61709C)

Conversions

Conversions Part 1

Format	Color
Hex	61709C
RGB	97, 112, 156
RGB Percent	38%, 44%, 61%
CMY	0.6196, 0.5608, 0.3882
CMYK	0.38, 0.28, 0.00, 0.39
HSL	225°, 23%, 50%
HSV	225°, 38%, 61%
XYZ	16.7247, 16.5300, 33.7616
YIQ	112.5310, -23.0640, 10.5040

Conversions

Conversions Part 2

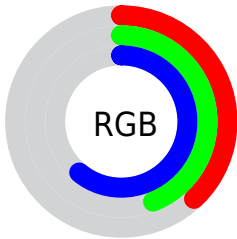
Format	Color
R_{YB}	97, 109, 156
Decimal	6385820
CIE _{Lab}	47.66, 5.78, -25.61
CIE _{LCh}	48, 26.250, 282.714
Yxy	16.5300, 0.2496, 0.2467
Android (android.graphics.Color)	4284575900 (0xFF61709C)
YUV	112.5310, 21.4302, -13.6207
Hunter-Lab	40.6571, 2.2776, -20.7743

Details

The Hex color **61709C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C8D61**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **95A4D3**, and **2F4069** is the 20% darker color. If you saturate the color by 10%, you get **51649C**, and if you desaturate by 10%, it is **717C9C**.

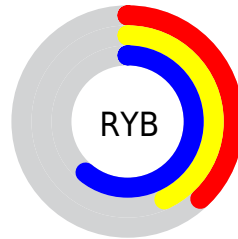
Distribution



Red (38%)

Green (44%)

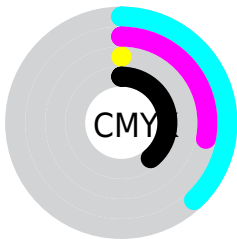
Blue (61%)



Red (38%)

Yellow (43%)

Blue (61%)

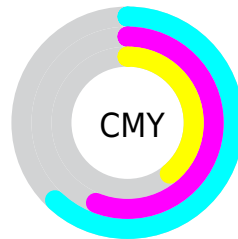


Cyan (38%)

Magenta (28%)

Yellow (0%)

Black (39%)



Cyan (62%)

Magenta (56%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61709C 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 61709C by changing the saturation by 10% instead.

■ 61709C

FFFFFF

■ 95A4D3

■ B1BFEF

■ CDDAFF

■ E9F7FF

■ 61709C

■ 51649C

■ 61709C

■ 485882

■ 2F4069

■ 152B50

■ 001739

■ 000223

■ 00000B

■ 000000

■ 61709C

■ 717C9C

■ 42599C

■ 80879C

■ 324D9C

■ 90939C

■ 23419C

■ 9F9F9C

■ 13369C

■ AFAA9C

■ 032A9C

■ BFB69C

■ 00289C

■ CEC19C

■ DECD9C

■ EDD99C

Harmonies

Analogous

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



3D779B



61709C



806892

Triad

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



61709C



996454



437C63

Complementary

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



61709C



9C8D61

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.



5E7950



61709C



8B6B47

Square

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



61709C



9D6068



777345



277D7A

Rectangle

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



61709C



8F6386



777345



4C7B5C

Sweetspot

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



61709C



B6BBCC



619C8C



595C66



E6E6E6



666666

Same Dimension

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



61709C



7088CC



6F619C



47494F



00248F



00040F

Inverse Universe

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



9C6170



CC7088



8E9C61



4F4749



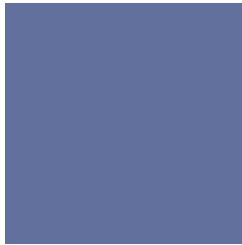
8F0024



0F0004

Previews

White Background



This preview shows how the Hex color 61709C looks on a white background.

Color Contrast Check

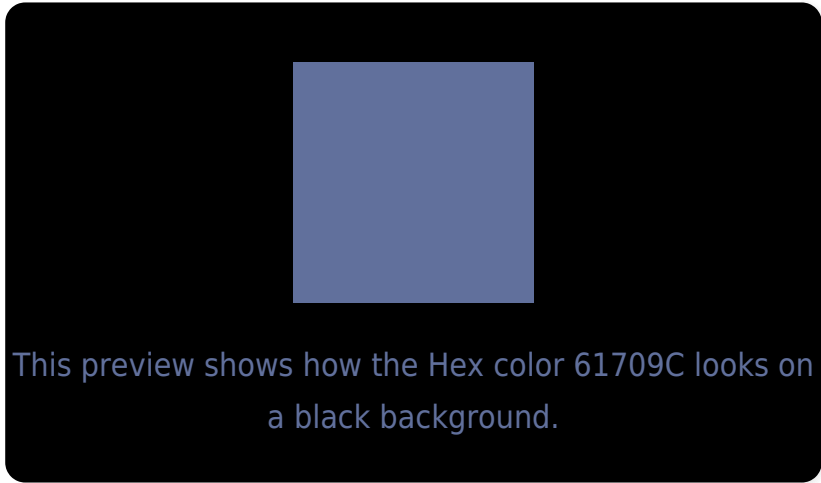
Large Text (above 18pt) WCAG AA ✓ Pass

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

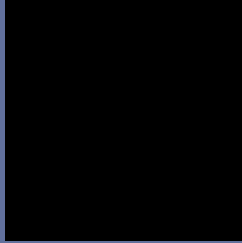
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

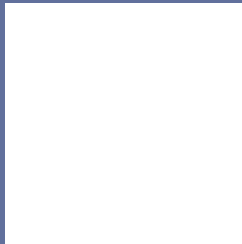
Any Text WCAG AAA × Fail

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

Hex 61709C Background



This preview shows how black text looks on a background with the Hex color 61709C.

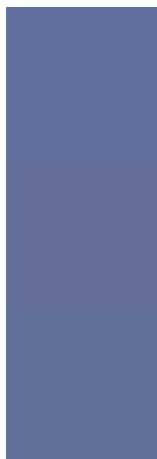


This preview shows how white text looks on a background with the Hex color 61709C.

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


61709C

Protanopia

646F9B

Deuteranopia

63709C



Tritanopia
5A767F

Trichromacy



Original Color
61709C

Protanomaly
636F9B

Deuteranomaly
62709C

Tritanomaly
5D748A

Monochromacy



Original Color
61709C

Achromatopsia
717171

Achromatomaly
6B7181

CSS Examples

Text

The CSS property to change the color of the text to Hex 61709C 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 #61709C looks like.

```
.text, #text, p{  
    color:#61709C  
}
```

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 #61709C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61709C
}
```

Border

The CSS property to change the border of an element to Hex 61709C is called "border". The border property can be set on classes, ids or directly on the HTML element.

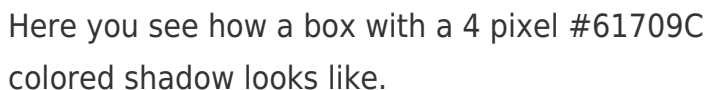
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61709C }
```

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

```
.border{ border-color:#61709C }
```

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



Here you see how a box with a 4 pixel #61709C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61709C; -webkit-box-shadow:4px 4px  
4px 4px #61709C; box-shadow:4px 4px 4px  
4px #61709C }
```

Background

The CSS property to change the background color of an element to Hex 61709C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61709C }
```

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

```
.background{ background-color:#61709C }
```

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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