

Converting Colors

Hex(60779B)

Have a look what the booklet for
Hex(60779B) contains.

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Color

Hex(60779B)

Conversions

Conversions Part 1

Format	Color
Hex	60779B
RGB	96, 119, 155
RGB Percent	38%, 47%, 61%
CMY	0.6235, 0.5333, 0.3922
CMYK	0.38, 0.23, 0.00, 0.39
HSL	217°, 24%, 49%
HSV	217°, 38%, 61%
XYZ	17.3371, 18.0470, 33.5800
YIQ	116.2270, -25.2640, 6.3200

Conversions

Conversions Part 2

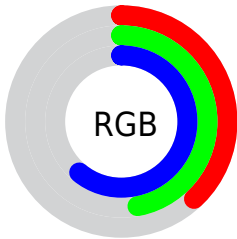
Format	Color
R _Y B	96, 113, 155
Decimal	6322075
CIE Lab	49.55, 1.01, -22.10
CIE LCh	50, 22.126, 272.607
Yxy	18.0470, 0.2514, 0.2617
Android (android.graphics.Color)	4284512155 (0xFF60779B)
YUV	116.2270, 19.1151, -17.7391
Hunter-Lab	42.4818, -1.4961, -17.1289

Details

The Hex color **60779B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9B8460**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **94ABD2**, and **2E4768** is the 20% darker color. If you saturate the color by 10%, you get **506E9B**, and if you desaturate by 10%, it is **6F809B**.

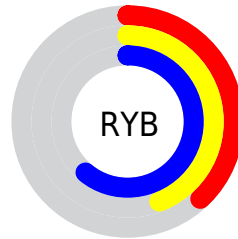
Distribution



Red (38%)

Green (47%)

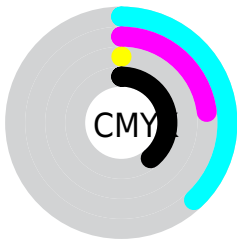
Blue (61%)



Red (38%)

Yellow (44%)

Blue (61%)

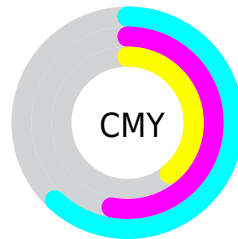


Cyan (38%)

Magenta (23%)

Yellow (0%)

Black (39%)



Cyan (62%)

Magenta (53%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60779B 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 60779B by changing the saturation by 10% instead.

■ 60779B

■ 60779B

FFFFFF

■ 475E81

■ 94ABD2

■ 2E4768

■ B0C6EE

■ 14314F

■ CCE2FF

■ 001C38

■ E8FFFF

■ 000223

■ 00000A

■ 000000

■ 60779B

■ 60779B

■ 506E9B

■ 6F809B

41649B

7F8A9B

315B9B

8F939B

22519B

9E9D9B

13489B

ADA69B

033E9B

BDB09B

003C9B

CCB99B

DCC39B

ECCC9B

Harmonies

Analogous

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



467C97



60779B



7B7095

Triad

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



60779B



9B6A62



587F64

Complementary

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



60779B



9B8460

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.



6D7B56



60779B



926F55

Square

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



60779B



9A6875



827550



448077

Rectangle

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



60779B



896C8D



827550



5F7E5E

Sweetspot

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



60779B



B3BCC9



609B83



595E66



E6E6E6



666666

Same Dimension

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



60779B



6D91C9



66609B



45484D



00378C



00050D

Inverse Universe

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



9B6077



C96D91



959B60



4D4548



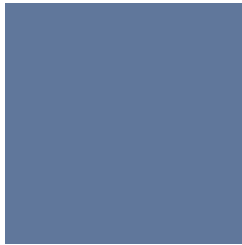
8C0037



0D0005

Previews

White Background



This preview shows how the Hex color 60779B looks on a white background.

Color Contrast Check

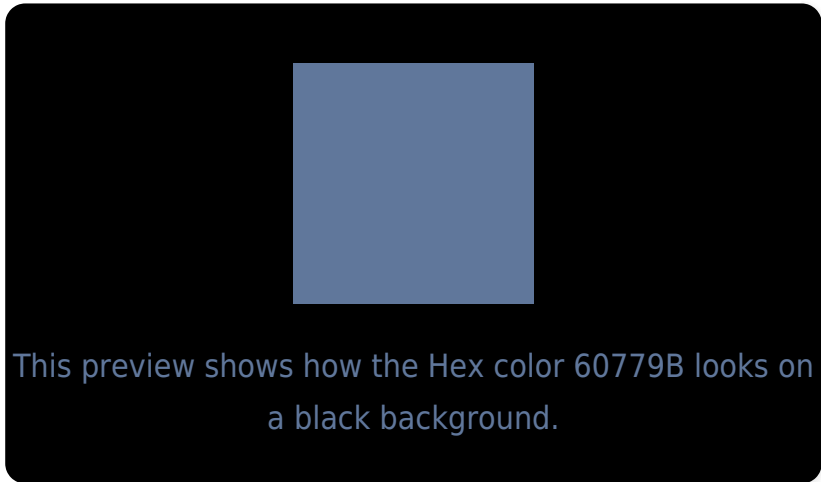
Large Text (above 18pt) WCAG AA ✓ Pass

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

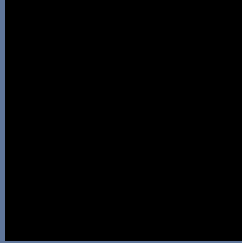
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

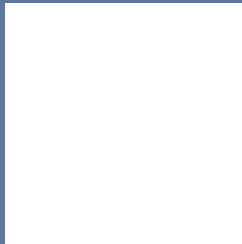
Any Text WCAG AAA × Fail

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

Hex 60779B Background



This preview shows how black text looks on a background with the Hex color 60779B.

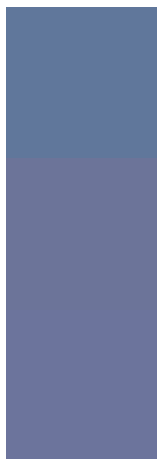


This preview shows how white text looks on a background with the Hex color 60779B.

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
60779B

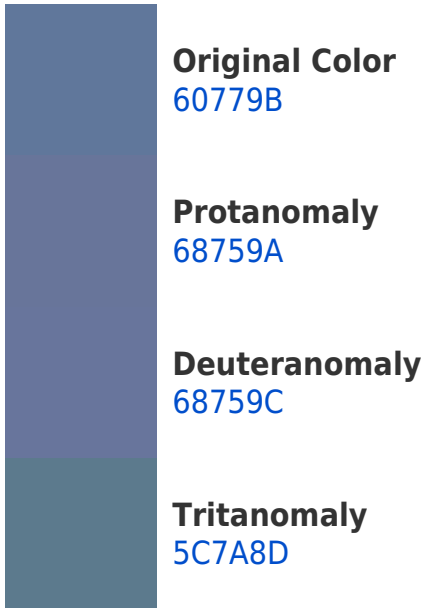
Protanopia
6C7499

Deuteranopia
6C749C



Tritanopia
5A7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60779B 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 #60779B looks like.

```
.text, #text, p{  
    color:#60779B  
}
```

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 #60779B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60779B
}
```

Border

The CSS property to change the border of an element to Hex 60779B 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
#60779B }
```

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

```
.border{ border-color:#60779B }
```

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

Here you see how a box with a 4 pixel #60779B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60779B; -webkit-box-shadow:4px 4px  
4px 4px #60779B; box-shadow:4px 4px 4px  
4px #60779B }
```

Background

The CSS property to change the background color of an element to Hex 60779B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60779B }
```

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

```
.background{ background-color:#60779B }
```

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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