

Converting Colors

Hex(62779D)

Have a look what the booklet for
Hex(62779D) contains.

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Color

Hex(62779D)

Conversions

Conversions Part 1

Format	Color
Hex	62779D
RGB	98, 119, 157
RGB Percent	38%, 47%, 62%
CMY	0.6157, 0.5333, 0.3843
CMYK	0.38, 0.24, 0.00, 0.38
HSL	219°, 23%, 50%
HSV	219°, 38%, 62%
XYZ	17.7196, 18.2246, 34.4821
YIQ	117.0530, -24.7140, 7.3660

Conversions

Conversions Part 2

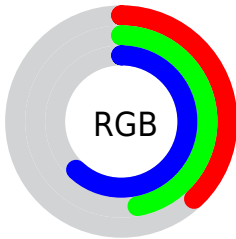
Format	Color
R _{YB}	98, 113, 157
Decimal	6453149
CIE Lab	49.77, 2.15, -22.93
CIE LCh	50, 23.033, 275.363
Yxy	18.2246, 0.2516, 0.2588
Android (android.graphics.Color)	4284643229 (0xFF62779D)
YUV	117.0530, 19.6939, -16.7095
Hunter-Lab	42.6903, -0.6174, -18.0068

Details

The Hex color **62779D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D8862**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **97ABD4**, and **30476A** is the 20% darker color. If you saturate the color by 10%, you get **526D9D**, and if you desaturate by 10%, it is **72819D**.

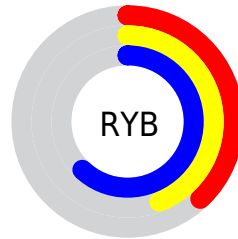
Distribution



Red (38%)

Green (47%)

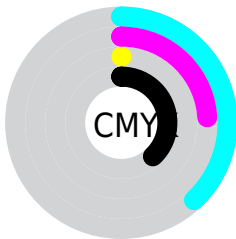
Blue (62%)



Red (38%)

Yellow (44%)

Blue (62%)

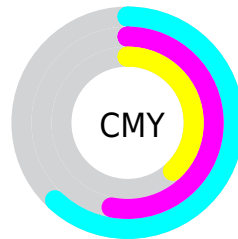


Cyan (38%)

Magenta (24%)

Yellow (0%)

Black (38%)



Cyan (62%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62779D 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 62779D by changing the saturation by 10% instead.

■ 62779D

■ 62779D

FFFFFF

■ 495E83

■ 97ABD4

■ 30476A

■ B2C6F0

■ 163151

■ CEE2FF

■ 001C3A

■ EAFFFF

■ 000125

■ 00010D

■ 000000

■ 62779D

■ 62779D

■ 526D9D

■ 72819D

43639D

818B9D

33599D

91959D

234F9D

A19F9D

14449D

B1AA9D

043A9D

C0B49D

00389D

D0BE9D

E0C89D

EFD29D

Harmonies

Analogous

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



467D99



62779D



7E7096

Triad

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



62779D



9C6A61



558065

Complementary

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



62779D



9D8862

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.



6B7C56



62779D



927053

Square

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



62779D



9D6873



81764F



408179

Rectangle

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



62779D



8C6C8D



81764F



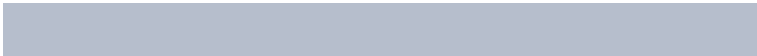
5C7F60

Sweetspot

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



62779D



B6BECC



629D87



595D66



E6E6E6



666666

Same Dimension

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



62779D



7091CC



6A629D



474A4F



00338F



00050F

Inverse Universe

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



9D6277



CC7091



959D62



4F474A



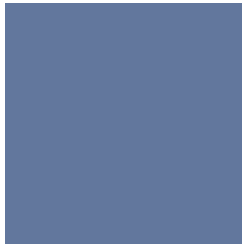
8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 62779D looks on a white background.

Color Contrast Check

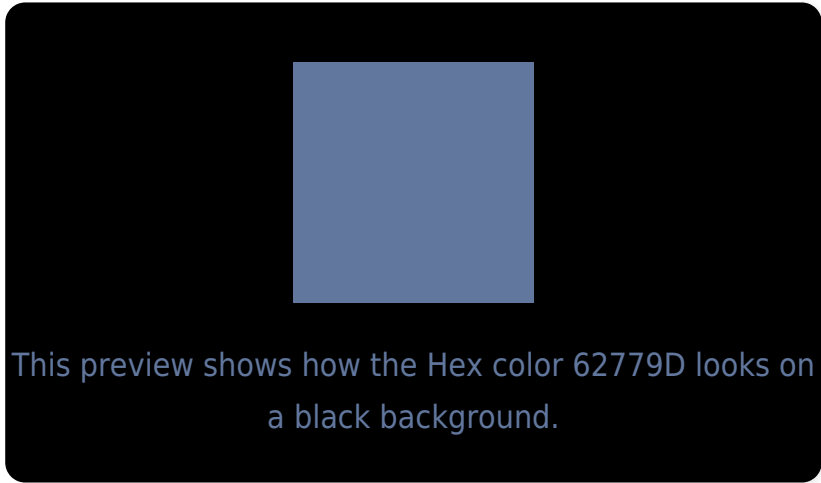
Large Text (above 18pt) WCAG AA ✓ Pass

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

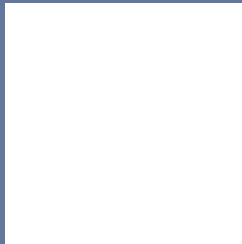
Any Text WCAG AAA × Fail

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

Hex 62779D Background



This preview shows how black text looks on a background with the Hex color 62779D.

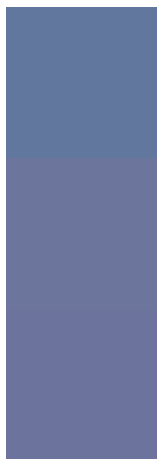


This preview shows how white text looks on a background with the Hex color 62779D.

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
62779D

Protanopia
6C759B

Deuteranopia
6C749E



Tritanopia
5C7B85

Trichromacy



Original Color
62779D

Protanomaly
68769C

Deuteranomaly
68759E

Tritanomaly
5E7A8E

Monochromacy



Original Color
62779D

Achromatopsia
757575

Achromatomaly
6E7684

CSS Examples

Text

The CSS property to change the color of the text to Hex 62779D 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 #62779D looks like.

```
.text, #text, p{  
    color:#62779D  
}
```

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 #62779D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62779D
}
```

Border

The CSS property to change the border of an element to Hex 62779D 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
#62779D }
```

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

```
.border{ border-color:#62779D }
```

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

Here you see how a box with a 4 pixel #62779D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62779D; -webkit-box-shadow:4px 4px  
4px 4px #62779D; box-shadow:4px 4px 4px  
4px #62779D }
```

Background

The CSS property to change the background color of an element to Hex 62779D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62779D }
```

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

```
.background{ background-color:#62779D }
```

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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