

Converting Colors

Hex(10779F)

Have a look what the booklet for
Hex(10779F) contains.

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Color

Hex(10779F)

Conversions

Conversions Part 1

Format	Color
Hex	10779F
RGB	16, 119, 159
RGB Percent	6%, 47%, 62%
CMY	0.9373, 0.5333, 0.3765
CMYK	0.90, 0.25, 0.00, 0.38
HSL	197°, 82%, 34%
HSV	197°, 90%, 62%
XYZ	13.0685, 15.8070, 35.1632
YIQ	92.7630, -74.2280, -9.3960

Conversions

Conversions Part 2

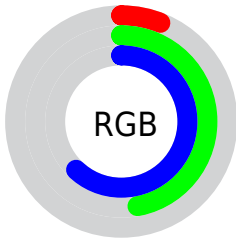
Format	Color
RYB	16, 76, 159
Decimal	1079199
CIELab	46.72, -12.28, -29.08
CIElCh	47, 31.564, 247.107
Yxy	15.8070, 0.2041, 0.2468
Android (android.graphics.Color)	4279269279 (0xFF10779F)
YUV	92.7630, 32.6548, -67.3212
Hunter-Lab	39.7580, -10.9034, -24.6072

Details

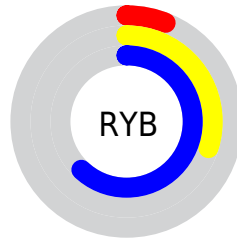
The Hex color **10779F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9F3810**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5BABD6**, and **00476B** is the 20% darker color. If you saturate the color by 10%, you get **00739F**, and if you desaturate by 10%, it is **207B9F**.

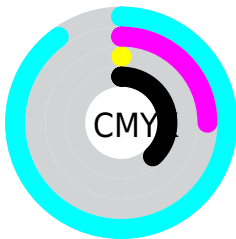
Distribution



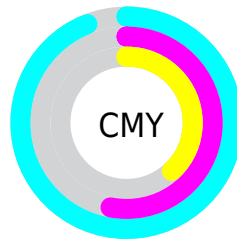
- Red (6%)
- Green (47%)
- Blue (62%)



- Red (6%)
- Yellow (30%)
- Blue (62%)



- Cyan (90%)
- Magenta (25%)
- Yellow (0%)
- Black (38%)



- Cyan (94%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10779F 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 10779F by changing the saturation by 10% instead.

■ 10779F

■ 10779F

FFFFFF

■ 005E85

■ 5BABD6

■ 00476B

■ 79C6F2

■ 003053

■ 96E2FF

■ 001C3B

■ B3FFFF

■ 000226

■ D0FFFF

■ 00010E

■ EEEFFF

■ 000000

■ 10779F

■ 10779F

■ 00739F

■ 207B9F

■ 30809F

■ 40849F

■ 50899F

■ 608D9F

■ 6F929F

■ 7F969F

■ 8F9B9F

■ 9F9F9F

Harmonies

Analogous

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



007B8E



10779F



506FA3

Triad

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



10779F



A15969



5D7643

Complementary

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



10779F



9F3810

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.



796F39



10779F



9F5D50

Square

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



10779F



955D84



90663E



3B7B59

Rectangle

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



10779F



6D699E



90663E



67743E

Sweetspot

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



10779F



97BFCF



109F36



475F69



E8E8E8



696969

Same Dimension

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



10779F



0095CF



10319F



474D4F



00678F



000B0F

Inverse Universe

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



9F1077



CF0095



9F7E10



4F474D



8F0067



0F000B

Previews

White Background



This preview shows how the Hex color 10779F looks on a white background.

Color Contrast Check

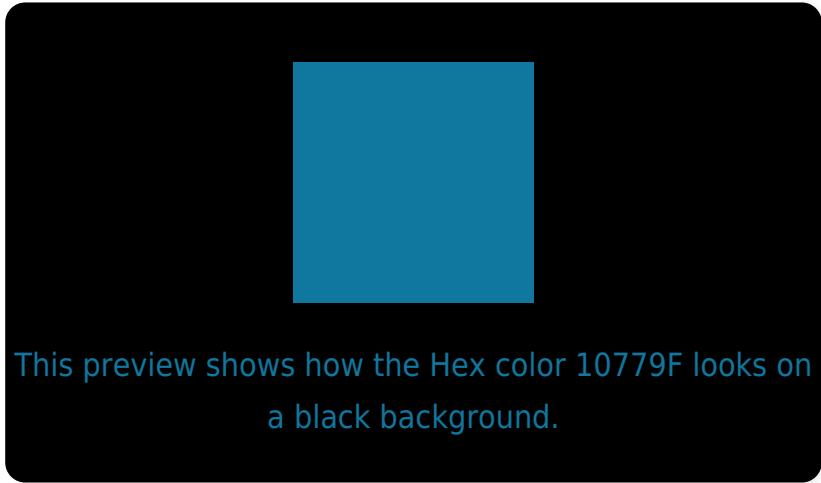
Large Text (above 18pt) WCAG AA ✓ Pass

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

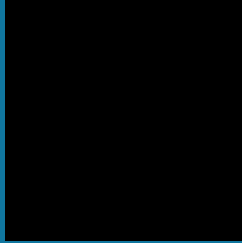
Any Text WCAG AA × Fail

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 10779F Background



This preview shows how black text looks on a background with the Hex color 10779F.

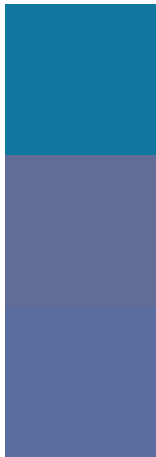


This preview shows how white text looks on a background with the Hex color 10779F.

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
10779F

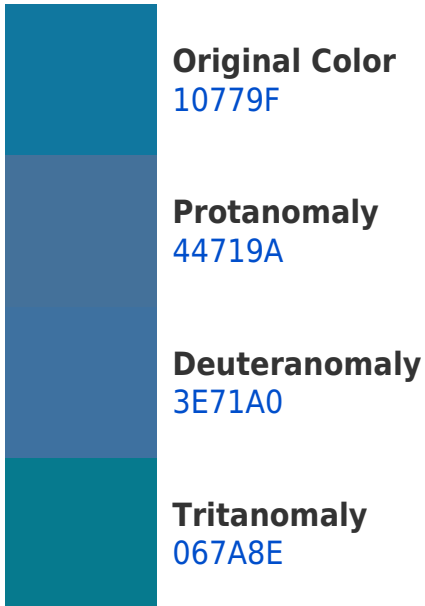
Protanopia
626D97

Deuteranopia
596DA1

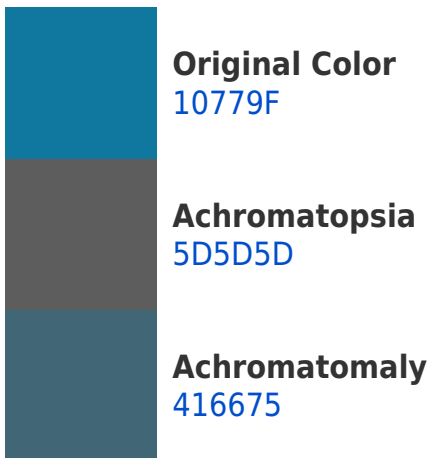


Tritanopia
007B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10779F 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 #10779F looks like.

```
.text, #text, p{  
    color:#10779F  
}
```

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 #10779F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10779F
}
```

Border

The CSS property to change the border of an element to Hex 10779F 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
#10779F }
```

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

```
.border{ border-color:#10779F }
```

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

Here you see how a box with a 4 pixel #10779F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10779F; -webkit-box-shadow:4px 4px  
4px 4px #10779F; box-shadow:4px 4px 4px  
4px #10779F }
```

Background

The CSS property to change the background color of an element to Hex 10779F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10779F }
```

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

```
.background{ background-color:#10779F }
```

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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