

Converting Colors

Hex(0A577F)

Have a look what the booklet for
Hex(0A577F) contains.

Hex(0A577F)	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>	28

Color

Hex(0A577F)

Conversions

Conversions Part 1

Format	Color
Hex	0A577F
RGB	10, 87, 127
RGB Percent	4%, 34%, 50%
CMY	0.9608, 0.6588, 0.5020
CMYK	0.92, 0.31, 0.00, 0.50
HSL	201°, 85%, 27%
HSV	201°, 92%, 50%
XYZ	7.3641, 8.4132, 21.3145
YIQ	68.5370, -58.7320, -3.8840

Conversions

Conversions Part 2

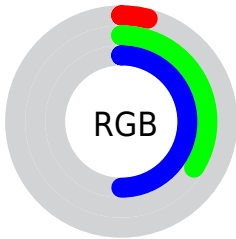
Format	Color
R_{YB}	10, 56, 127
Decimal	677759
CIE _{Lab}	34.83, -5.93, -28.49
CIE _{LCh}	35, 29.103, 258.233
Yxy	8.4132, 0.1985, 0.2268
Android (android.graphics.Color)	4278867839 (0xFF0A577F)
YUV	68.5370, 28.8223, -51.3369
Hunter-Lab	29.0056, -5.4409, -23.2648

Details

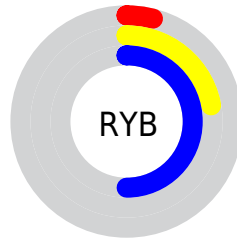
The Hex color **0A577F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7F320A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5089B4**, and **002A4E** is the 20% darker color. If you saturate the color by 10%, you get **00547F**, and if you desaturate by 10%, it is **175B7F**.

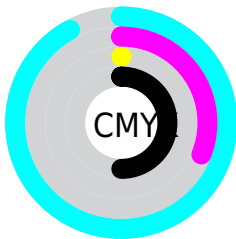
Distribution



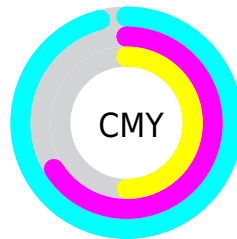
- Red (4%)
- Green (34%)
- Blue (50%)



- Red (4%)
- Yellow (22%)
- Blue (50%)



- Cyan (92%)
- Magenta (31%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (66%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A577F 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 0A577F by changing the saturation by 10% instead.

0A577F

0A577F

FFFFFF

004066

5089B4

002A4E

6CA3D0

001636

87BEEC

000221

A4DAFF

000006

C0F6FF

000000

D0FFFF

F0FFFF

0A577F

0A577F

■ 00547F

■ 175B7F

■ 23607F

■ 30647F

■ 3D687F

■ 4A6D7F

■ 56717F

■ 63757F

■ 707A7F

■ 7C7E7F

Harmonies

Analogous

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



005C74



0A577F



454F7E

Triad

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



0A577F



7E3F45



375A32

Complementary

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



0A577F



7F320A

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.



525524



0A577F



774530

Square

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



0A577F



78405C



684D24



0E5D48

Rectangle

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



0A577F



5C4976



684D24



41592C

Sweetspot

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



0A577F



7796A6



0A7F31



384A54



D4D4D4



545454

Same Dimension

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



0A577F



006DA6



0A1E7F



393E40



005480



000000

Inverse Universe

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



7F0A57



A6006D



7F6C0A



40393E



800054



000000

Previews

White Background



This preview shows how the Hex color 0A577F looks on a white background.

Color Contrast Check

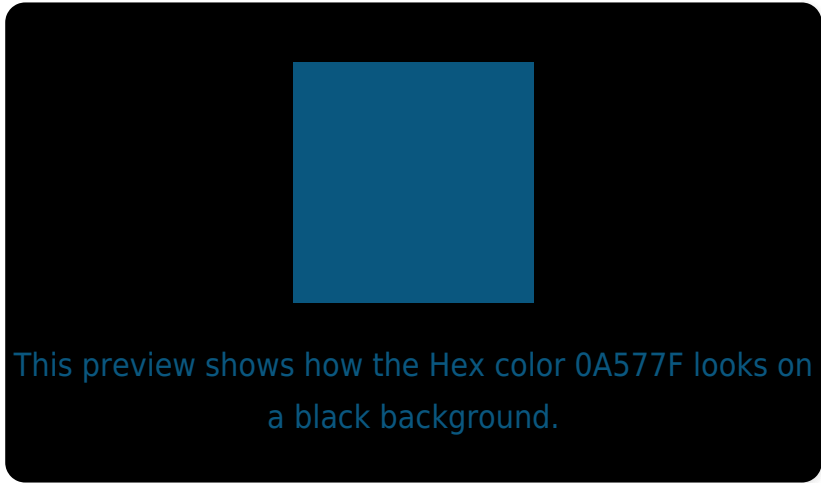
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

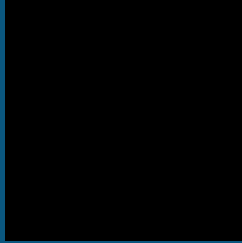
Any Text WCAG AA × Fail

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 0A577F Background



This preview shows how black text looks on a background with the Hex color 0A577F.

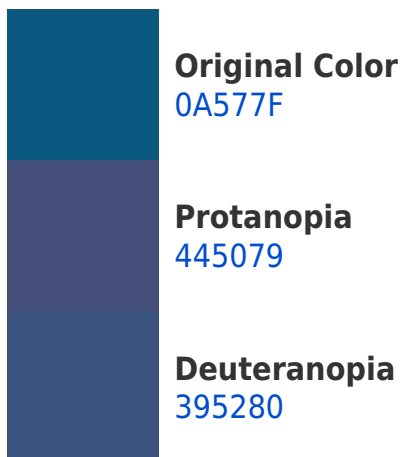


This preview shows how white text looks on a background with the Hex color 0A577F.

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



Trichromacy



Original Color
0A577F

Protanomaly
2F537B

Deuteranomaly
285480

Monochromacy



Original Color
0A577F

Achromatopsia
454545

Achromatomaly
304C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A577F 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 #0A577F looks like.

```
.text, #text, p{  
    color:#0A577F  
}
```

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 #0A577F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A577F
}
```

Border

The CSS property to change the border of an element to Hex 0A577F 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
#0A577F }
```

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

```
.border{ border-color:#0A577F }
```

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

Here you see how a box with a 4 pixel #0A577F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A577F; -webkit-box-shadow:4px 4px  
4px 4px #0A577F; box-shadow:4px 4px 4px  
4px #0A577F }
```

Background

The CSS property to change the background color of an element to Hex 0A577F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A577F }
```

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

```
.background{ background-color:#0A577F }
```

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