

Converting Colors

Hex(09587F)

Have a look what the booklet for
Hex(09587F) contains.

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Color

Hex(09587F)

Conversions

Conversions Part 1

Format	Color
Hex	09587F
RGB	9, 88, 127
RGB Percent	4%, 35%, 50%
CMY	0.9647, 0.6549, 0.5020
CMYK	0.93, 0.31, 0.00, 0.50
HSL	200°, 87%, 27%
HSV	200°, 93%, 50%
XYZ	7.4331, 8.5698, 21.3410
YIQ	68.8250, -59.6030, -4.6190

Conversions

Conversions Part 2

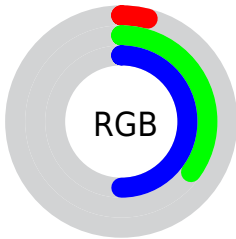
Format	Color
R _Y B	9, 56, 127
Decimal	612479
CIE Lab	35.14, -6.62, -28.00
CIE LCh	35, 28.771, 256.694
Yxy	8.5698, 0.1990, 0.2295
Android (android.graphics.Color)	4278802559 (0xFF09587F)
YUV	68.8250, 28.6803, -52.4665
Hunter-Lab	29.2743, -5.9063, -22.7306

Details

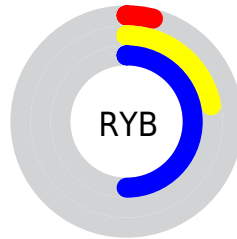
The Hex color **09587F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7F3009**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4F8AB4**, and **002B4E** is the 20% darker color. If you saturate the color by 10%, you get **00557F**, and if you desaturate by 10%, it is **165C7F**.

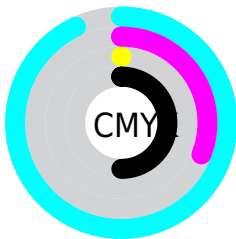
Distribution



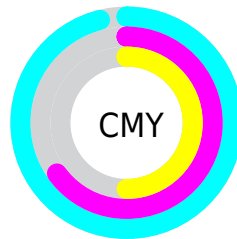
- Red (4%)
- Green (35%)
- Blue (50%)



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



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09587F 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 09587F by changing the saturation by 10% instead.

■ 09587F

■ 09587F

FFFFFF

■ 004166

■ 4F8AB4

■ 002B4E

■ 6BA4D0

■ 001737

■ 87BFEC

■ 000221

■ A3DBFF

■ 000006

■ C0F7FF

■ 000000

■ DDFFFF

■ FBFFFF

■ 09587F

■ 09587F

■ 00557F

■ 165C7F

■ 22607F

■ 2F657F

■ 3C697F

■ 486D7F

■ 55717F

■ 62757F

■ 6F7A7F

■ 7B7E7F

Harmonies

Analogous

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



005D73



09587F



44517F

Triad

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



09587F



7E4047



3A5B32

Complementary

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



09587F



7F3009

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.



545525



09587F



784632

Square

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



09587F



78415E



694E25



145E47

Rectangle

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



09587F



5B4B78



694E25



43592D

Sweetspot

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



09587F



7796A6



097F2E



384B54



D4D4D4



545454

Same Dimension

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



09587F



006FA6



091F7F



393E40



005580



000000

Inverse Universe

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



7F0958



A6006F



7F6909



40393E



800055



000000

Previews

White Background



This preview shows how the Hex color 09587F looks on a white background.

Color Contrast Check

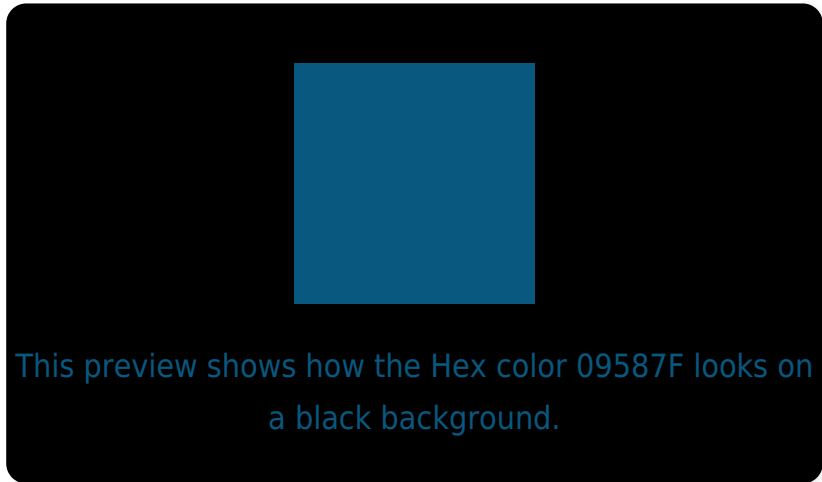
Large Text (above 18pt) WCAG AA ✓ Pass

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

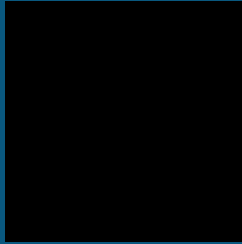
Any Text WCAG AA × Fail

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 09587F Background



This preview shows how black text looks on a background with the Hex color 09587F.

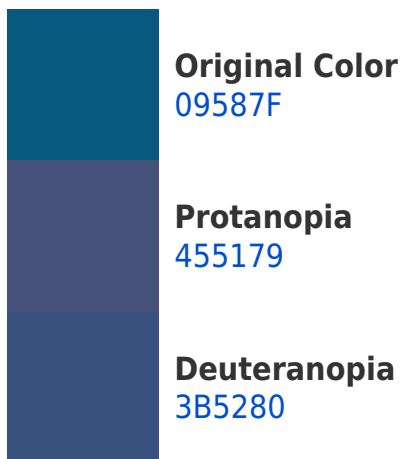


This preview shows how white text looks on a background with the Hex color 09587F.

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





Tritanopia
005C63

Trichromacy



Original Color
09587F

Protanomaly
2F547B

Deuteranomaly
295480

Tritanomaly
035B6D

Monochromacy



Original Color
09587F

Achromatopsia
454545

Achromatomaly
2F4C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 09587F 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 #09587F looks like.

```
.text, #text, p{  
    color:#09587F  
}
```

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 #09587F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09587F
}
```

Border

The CSS property to change the border of an element to Hex 09587F is called "border". The border property can be set on classes, ids or directly on the HTML element.

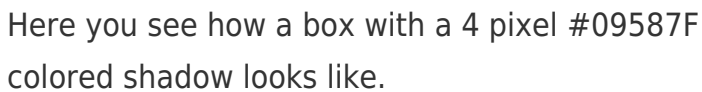
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#09587F }
```

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

```
.border{ border-color:#09587F }
```

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



Here you see how a box with a 4 pixel #09587F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09587F; -webkit-box-shadow:4px 4px  
4px 4px #09587F; box-shadow:4px 4px 4px  
4px #09587F }
```

Background

The CSS property to change the background color of an element to Hex 09587F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09587F }
```

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

```
.background{ background-color:#09587F }
```

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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