

Converting Colors

Hex(05927C)

Have a look what the booklet for
Hex(05927C) contains.

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Color

Hex(05927C)

Conversions

Conversions Part 1

Format	Color
Hex	05927C
RGB	5, 146, 124
RGB Percent	2%, 57%, 49%
CMY	0.9804, 0.4275, 0.5137
CMYK	0.97, 0.00, 0.15, 0.43
HSL	171°, 93%, 30%
HSV	171°, 97%, 57%
XYZ	13.9796, 22.0453, 22.5871
YIQ	101.3330, -76.9740, -36.7340

Conversions

Conversions Part 2

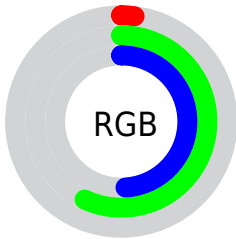
Format	Color
RYB	5, 81, 146
Decimal	365180
CIELab	54.08, -38.12, 2.42
CIElCh	54, 38.195, 176.360
Yxy	22.0453, 0.2385, 0.3761
Android (android.graphics.Color)	4278555260 (0xFF05927C)
YUV	101.3330, 11.1748, -84.4840
Hunter-Lab	46.9524, -29.0203, 4.3443

Details

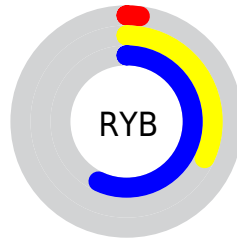
The Hex color **05927C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **92051B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **57C9B0**, and **005E4B** is the 20% darker color. If you saturate the color by 10%, you get **00927B**, and if you desaturate by 10%, it is **14927E**.

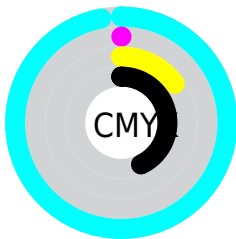
Distribution



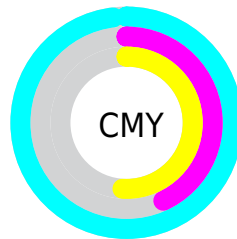
- Red (2%)
- Green (57%)
- Blue (49%)



- Red (2%)
- Yellow (32%)
- Blue (57%)



- Cyan (97%)
- Magenta (0%)
- Yellow (15%)
- Black (43%)



- Cyan (98%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05927C 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 05927C by changing the saturation by 10% instead.

 05927C

 05927C

FFFFFF

 007863

 57C9B0

 005E4B

 75E5CC

 004635

 92FFE8

 002F20

 AFFFFF

 001708

 CDFFFF

 000000

 EAFFFF

 05927C

 05927C

 00927B

 14927E

 229281

 319283

 3F9285

 4E9287

 5D928A

 6B928C

 7A928E

 889291

Harmonies

Analogous

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



508F5B



05927C



00929D

Triad

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



05927C



7E7ABC



B2724B

Complementary

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



05927C



92051B

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.



BF6866



05927C



A66EA6

Square

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



05927C



4086C3



BC6687



997E3E

Rectangle

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



05927C



0090B0



BC6687



B86E53

Sweetspot

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



05927C



86BDB4



1C9205



3D5E59



DEDEDE



5E5E5E

Same Dimension

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



05927C



00BD9F



056392



434A49



008A74



000A09

Inverse Universe

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



92051B



BD001D



923405



4A4344



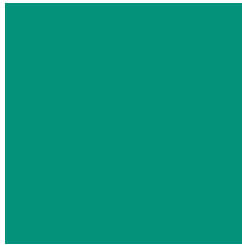
8A0015



0A0002

Previews

White Background



This preview shows how the Hex color 05927C looks on a white background.

Color Contrast Check

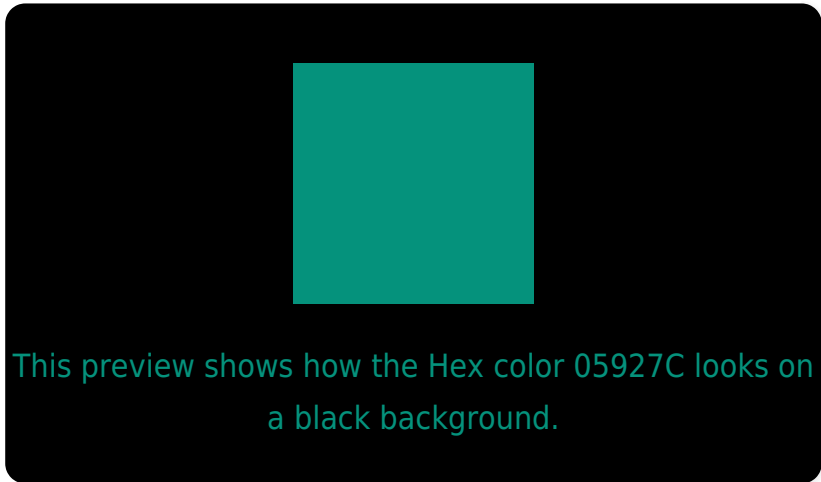
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

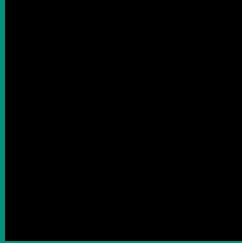
Any Text WCAG AA ✓ Pass

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 05927C Background



This preview shows how black text looks on a background with the Hex color 05927C.

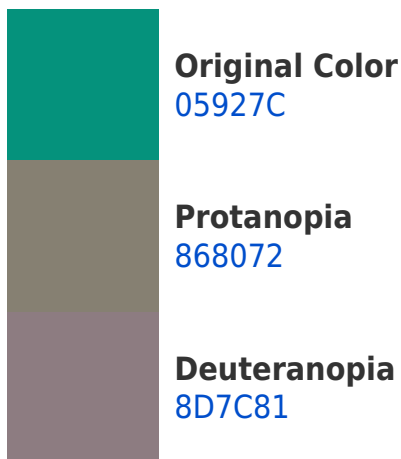


This preview shows how white text looks on a background with the Hex color 05927C.

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
298E99

Trichromacy



Original Color
05927C



Protanomaly
578776



Deuteranomaly
5C847F



Tritanomaly
1C8F8E

Monochromacy



Original Color
05927C



Achromatopsia
656565



Achromatomaly
42756D

CSS Examples

Text

The CSS property to change the color of the text to Hex 05927C 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 #05927C looks like.

```
.text, #text, p{  
    color:#05927C  
}
```

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 #05927C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05927C
}
```

Border

The CSS property to change the border of an element to Hex 05927C 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
#05927C }
```

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

```
.border{ border-color:#05927C }
```

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

Here you see how a box with a 4 pixel #05927C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05927C; -webkit-box-shadow:4px 4px  
4px 4px #05927C; box-shadow:4px 4px 4px  
4px #05927C }
```

Background

The CSS property to change the background color of an element to Hex 05927C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05927C }
```

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

```
.background{ background-color:#05927C }
```

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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