

Converting Colors

Hex(057C81)

Have a look what the booklet for
Hex(057C81) contains.

Hex(057C81)	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>	29

Color

Hex(057C81)

Conversions

Conversions Part 1

Format	Color
Hex	057C81
RGB	5, 124, 129
RGB Percent	2%, 49%, 51%
CMY	0.9804, 0.5137, 0.4941
CMYK	0.96, 0.04, 0.00, 0.49
HSL	182°, 93%, 26%
HSV	182°, 96%, 51%
XYZ	11.2327, 16.0325, 23.2714
YIQ	88.9890, -72.5290, -23.6730

Conversions

Conversions Part 2

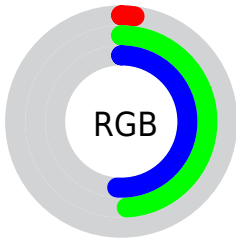
Format	Color
RYB	5, 66, 129
Decimal	359553
CIELab	47.02, -26.26, -10.93
CIELCh	47, 28.441, 202.596
Yxy	16.0325, 0.2223, 0.3172
Android (android.graphics.Color)	4278549633 (0xFF057C81)
YUV	88.9890, 19.7254, -73.6584
Hunter-Lab	40.0407, -19.9962, -6.4306

Details

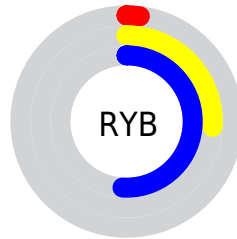
The Hex color **057C81** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **810A05**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **53B1B6**, and **004B50** is the 20% darker color. If you saturate the color by 10%, you get **007C81**, and if you desaturate by 10%, it is **127D81**.

Distribution



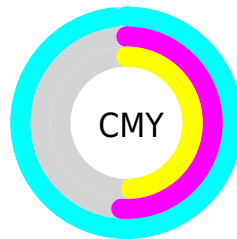
- Red (2%)
- Green (49%)
- Blue (51%)



- Red (2%)
- Yellow (26%)
- Blue (51%)



- Cyan (96%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (98%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 057C81 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 057C81 by changing the saturation by 10% instead.

 057C81

 057C81

FFFFFF

 006368

 53B1B6

 004B50

 70CDD1

 003339

 8DE9EE

 002023

 A9FFFF

 00010E

 C7FFFF

 000000

 E4FFFF

 057C81

 057C81

 007C81

 127D81

■ 1F7D81

■ 2C7E81

■ 397E81

■ 467F81

■ 527F81

■ 5F8081

■ 6C8081

■ 798181

Harmonies

Analogous

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



317C69



057C81



117995

Triad

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



057C81



88638D



846C40

Complementary

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



057C81



810A05

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.



96644A



057C81



9A5D76

Square

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



057C81



6A6B9B



9E5E5E



6D7442

Rectangle

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



057C81



33769D



9E5E5E



8B6942

Sweetspot

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



057C81



77A6A8



058109



375354



D4D4D4



545454

Same Dimension

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



057C81



00A2A8



053F81



393F40



007A80



000000

Inverse Universe

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



81057C



A800A2



814705



40393F



80007A



000000

Previews

White Background



This preview shows how the Hex color 057C81 looks on a white background.

Color Contrast Check

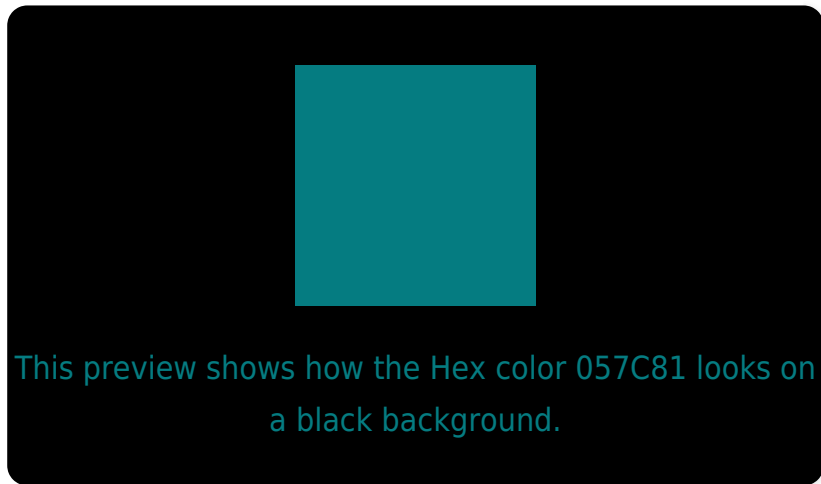
Large Text (above 18pt) WCAG AA ✓ Pass

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

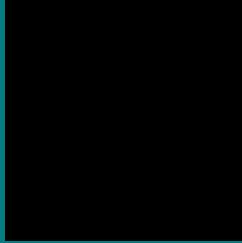
Any Text WCAG AA × Fail

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 057C81 Background



This preview shows how black text looks on a background with the Hex color 057C81.

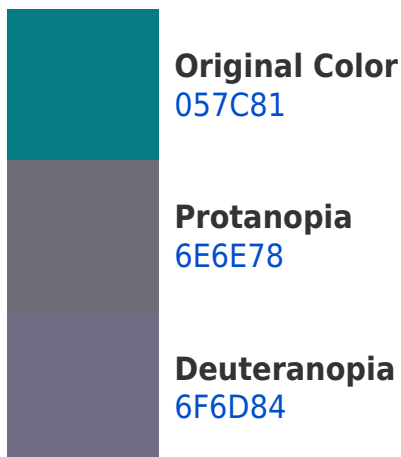


This preview shows how white text looks on a background with the Hex color 057C81.

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](#).

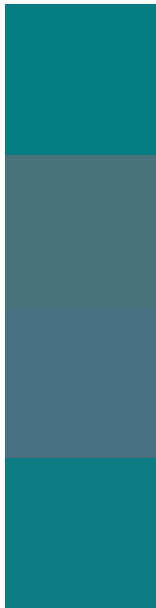
Dichromacy





Tritanopia
117B85

Trichromacy



Original Color
057C81

Protanomaly
48737B

Deuteranomaly
487283

Tritanomaly
0D7B84

Monochromacy



Original Color
057C81

Achromatopsia
595959

Achromatomaly
3A6668

CSS Examples

Text

The CSS property to change the color of the text to Hex 057C81 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 #057C81 looks like.

```
.text, #text, p{  
    color:#057C81  
}
```

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 #057C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #057C81
}
```

Border

The CSS property to change the border of an element to Hex 057C81 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
#057C81 }
```

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

```
.border{ border-color:#057C81 }
```

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

Here you see how a box with a 4 pixel #057C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #057C81; -webkit-box-shadow:4px 4px  
4px 4px #057C81; box-shadow:4px 4px 4px  
4px #057C81 }
```

Background

The CSS property to change the background color of an element to Hex 057C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#057C81 }
```

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

```
.background{ background-color:#057C81 }
```

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