

Converting Colors

Hex(02707A)

Have a look what the booklet for
Hex(02707A) contains.

Hex(02707A)	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(02707A)

Conversions

Conversions Part 1

Format	Color
Hex	02707A
RGB	2, 112, 122
RGB Percent	1%, 44%, 48%
CMY	0.9922, 0.5608, 0.5216
CMYK	0.98, 0.08, 0.00, 0.52
HSL	185°, 97%, 24%
HSV	185°, 98%, 48%
XYZ	9.3321, 13.0064, 20.4310
YIQ	80.2500, -68.7700, -20.2100

Conversions

Conversions Part 2

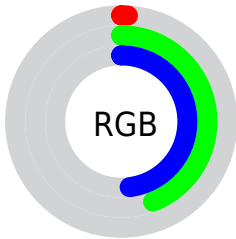
Format	Color
RYB	2, 59, 122
Decimal	159866
CIELab	42.77, -22.67, -13.17
CIElCh	43, 26.213, 210.155
Yxy	13.0064, 0.2182, 0.3041
Android (android.graphics.Color)	4278349946 (0xFF02707A)
YUV	80.2500, 20.5828, -68.6252
Hunter-Lab	36.0644, -16.9238, -8.3436

Details

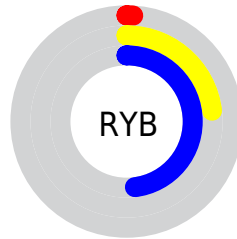
The Hex color **02707A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A0C02**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4FA4AE**, and **004049** is the 20% darker color. If you saturate the color by 10%, you get **00707A**, and if you desaturate by 10%, it is **0E717A**.

Distribution



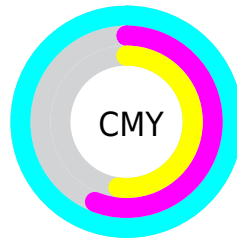
- Red (1%)
- Green (44%)
- Blue (48%)



- Red (1%)
- Yellow (23%)
- Blue (48%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (52%)



- Cyan (99%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02707A 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 02707A by changing the saturation by 10% instead.

02707A

02707A

FFFFFF

005761

4FA4AE

004049

6CBFCA

002933

88DBE6

00131E

A4F8FF

000002

C1FFFF

000000

DEFFFF

FCFFFF

02707A

02707A

■ 00707A

■ 0E717A

■ 1A727A

■ 27737A

■ 33747A

■ 3F757A

■ 4B767A

■ 57777A

■ 64787A

■ 70797A

Harmonies

Analogous

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



247064



02707A



1D6D8A

Triad

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



02707A



80587B



736439

Complementary

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



02707A



7A0C02

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.



855C40



02707A



8D5466

Square

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



02707A



685F8A



8E5650



5D6A3F

Rectangle

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



02707A



39698F



8E5650



7A613A

Sweetspot

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



02707A



6F9A9E



027A0C



334D4F



CFCFCF



4F4F4F

Same Dimension

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



02707A



00919E



02367A



373D3D



00737D



00E7FC

Inverse Universe

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



7A0270



9E0091



7A4802



3D373D



7D0073



FC00E7

Previews

White Background



This preview shows how the Hex color 02707A looks on a white background.

Color Contrast Check

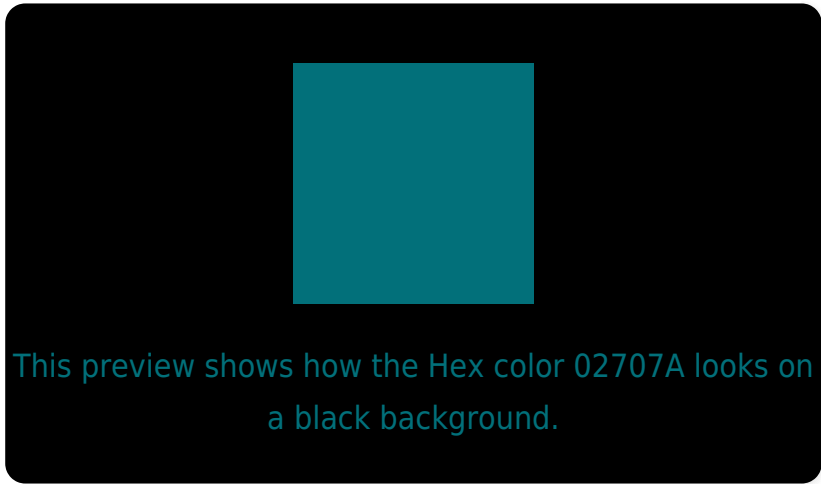
Large Text (above 18pt) WCAG AA ✓ Pass

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

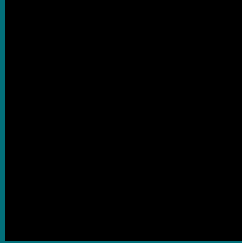
Any Text WCAG AA × Fail

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 02707A Background



This preview shows how black text looks on a background with the Hex color 02707A.

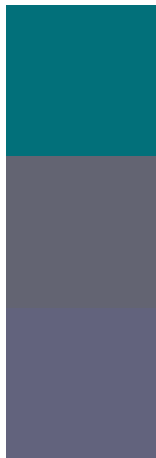


This preview shows how white text looks on a background with the Hex color 02707A.

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
02707A

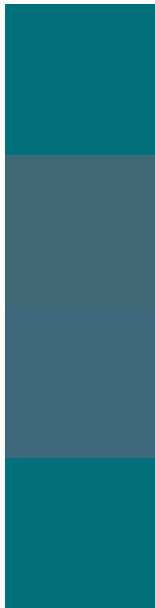
Protanopia
636472

Deuteranopia
62637D



Tritanopia
007079

Trichromacy



Original Color
02707A

Protanomaly
406875

Deuteranomaly
3F687C

Tritanomaly
017079

Monochromacy



Original Color
02707A

Achromatopsia
505050

Achromatomaly
345C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 02707A 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 #02707A looks like.

```
.text, #text, p{  
    color:#02707A  
}
```

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 #02707A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02707A
}
```

Border

The CSS property to change the border of an element to Hex 02707A 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
#02707A }
```

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

```
.border{ border-color:#02707A }
```

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

Here you see how a box with a 4 pixel #02707A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02707A; -webkit-box-shadow:4px 4px  
4px 4px #02707A; box-shadow:4px 4px 4px  
4px #02707A }
```

Background

The CSS property to change the background color of an element to Hex 02707A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02707A }
```

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

```
.background{ background-color:#02707A }
```

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