

Converting Colors

Hex(007F70)

Have a look what the booklet for
Hex(007F70) contains.

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Color

Hex(007F70)

Conversions

Conversions Part 1

Format	Color
Hex	007F70
RGB	0, 127, 112
RGB Percent	0%, 50%, 44%
CMY	1.0000, 0.5020, 0.5608
CMYK	1.00, 0.00, 0.12, 0.50
HSL	173°, 100%, 25%
HSV	173°, 100%, 50%
XYZ	10.5140, 16.3486, 17.9307
YIQ	87.3170, -70.8770, -31.5890

Conversions

Conversions Part 2

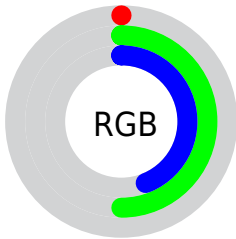
Format	Color
RYB	0, 67, 127
Decimal	32624
CIELab	47.43, -33.38, -0.27
CIELCh	47, 33.380, 180.455
Yxy	16.3486, 0.2347, 0.3650
Android (android.graphics.Color)	4278222704 (0xFF007F70)
YUV	87.3170, 12.1687, -76.5770
Hunter-Lab	40.4334, -24.3426, 2.0105

Details

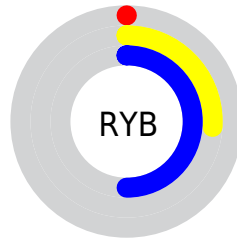
The Hex color **007F70** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7F000F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **50B4A4**, and **004D40** is the 20% darker color. If you saturate the color by 10%, you get **007F70**, and if you desaturate by 10%, it is **0D7F72**.

Distribution



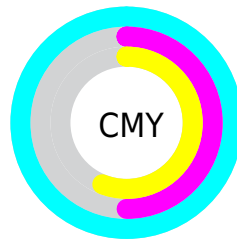
- Red (0%)
- Green (50%)
- Blue (44%)



- Red (0%)
- Yellow (26%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007F70 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 007F70 by changing the saturation by 10% instead.

 007F70

 007F70

FFFFFF

 006558

 50B4A4

 004D40

 6DD0BF

 00352A

 8AEDDA

 002216

 A6FFF7

 000000

 C3FFF7

 E1FFF7

FEFFF7

 007F70

 0D7F72

 197F73

 267F75

 337F76

 407F78

 4C7F79

 597F7B

 667F7C

 727F7E

Harmonies

Analogous

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



427D54



007F70



007E8C

Triad

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



007F70



7369A1



986540

Complementary

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



007F70



7F000F

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.



A55C56



007F70



945F8D

Square

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



007F70



4373A8



A45A71



816F37

Rectangle

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



007F70



007C9B



A45A71



9D6246

Sweetspot

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



007F70



74A6A0



117F00



365451



D4D4D4



545454

Same Dimension

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



007F70



00A692



00507F



39403F



008070



000000

Inverse Universe

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



7F000F



A60014



7F2F00



40393A



80000F



000000

Previews

White Background



This preview shows how the Hex color 007F70 looks on a white background.

Color Contrast Check

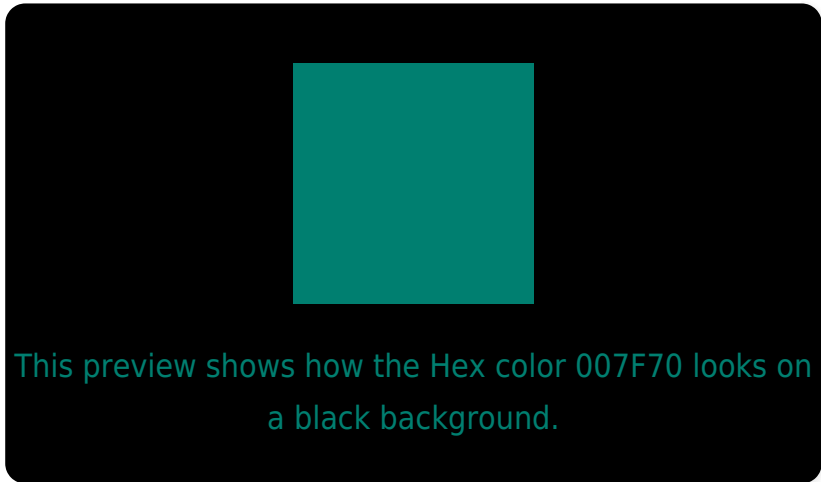
Large Text (above 18pt) WCAG AA ✓ Pass

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 007F70 Background



This preview shows how black text looks on a background with the Hex color 007F70.

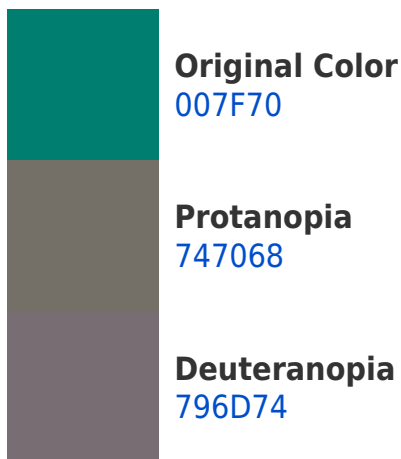


This preview shows how white text looks on a background with the Hex color 007F70.

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
227C86

Trichromacy



Original Color

007F70



Protanomaly

4A756B



Deuteranomaly

4D7473



Tritanomaly

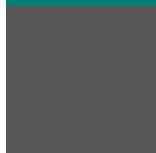
167D7E

Monochromacy



Original Color

007F70



Achromatopsia

575757



Achromatomaly

376660

CSS Examples

Text

The CSS property to change the color of the text to Hex 007F70 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 #007F70 looks like.

```
.text, #text, p{  
    color:#007F70  
}
```

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 #007F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F70
}
```

Border

The CSS property to change the border of an element to Hex 007F70 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
#007F70 }
```

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

```
.border{ border-color:#007F70 }
```

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

Here you see how a box with a 4 pixel #007F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F70; -webkit-box-shadow:4px 4px  
4px 4px #007F70; box-shadow:4px 4px 4px  
4px #007F70 }
```

Background

The CSS property to change the background color of an element to Hex 007F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F70 }
```

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

```
.background{ background-color:#007F70 }
```

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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