

Converting Colors

Hex(0F7D84)

Have a look what the booklet for
Hex(0F7D84) contains.

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Color

Hex(0F7D84)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0F7D84 |
| RGB | 15, 125, 132 |
| RGB Percent | 6%, 49%, 52% |
| CMY | 0.9412, 0.5098, 0.4824 |
| CMYK | 0.89, 0.05, 0.00, 0.48 |
| HSL | 184°, 80%, 29% |
| HSV | 184°, 89%, 52% |
| XYZ | 11.6955, 16.4347, 24.3856 |
| YIQ | 92.9080, -67.8070, -21.1430 |

Conversions

Conversions Part 2

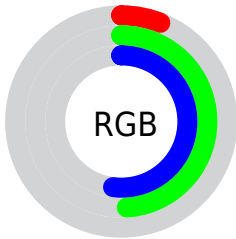
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 15, 72, 132 |
| Decimal | 1015172 |
| CIELab | 47.54, -25.19, -11.91 |
| CIELCh | 48, 27.858, 205.300 |
| Yxy | 16.4347, 0.2227, 0.3129 |
| Android (android.graphics.Color) | 4279205252 (0xFF0F7D84) |
| YUV | 92.9080, 19.2724, -68.3253 |
| Hunter-Lab | 40.5398, -19.4485, -7.2864 |

Details

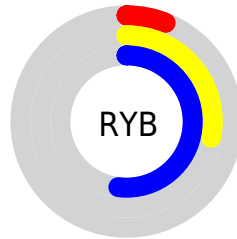
The Hex color **0F7D84** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **84160F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **56B2B9**, and **004B53** is the 20% darker color. If you saturate the color by 10%, you get **027C84**, and if you desaturate by 10%, it is **1C7E84**.

Distribution



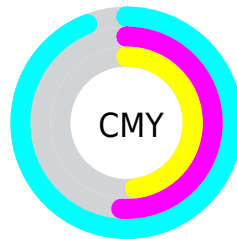
- Red (6%)
- Green (49%)
- Blue (52%)



- Red (6%)
- Yellow (28%)
- Blue (52%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (94%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F7D84 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 0F7D84 by changing the saturation by 10% instead.

0F7D84

0F7D84

FFFFFF

00646B

56B2B9

004B53

73CED5

00343C

90EAF1

002026

ADFFFF

000111

CAFFFF

000000

E7FFFF

0F7D84

0F7D84

027C84

1C7E84

007C84

297F84

377F84

448084

518184

5E8284

6B8384

798384

868484

Harmonies

Analogous

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



317D6C



0F7D84



1E7A97

Triad

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



0F7D84



8B648C



846E42

Complementary

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



0F7D84



84160F

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.



95664B



0F7D84



9B5F75

Square

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



0F7D84



6E6C9B



9E605E



6C7546

Rectangle

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



0F7D84



3A769E



9E605E



8A6B43

Sweetspot

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



0F7D84



7DA8AB



0F8415



3B5557



D6D6D6



575757

Same Dimension

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



0F7D84



00A1AB



0F4484



3C4242



007A82



000203

Inverse Universe

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



840F7D



AB00A1



844F0F



423C42



82007A



030002

Previews

White Background



This preview shows how the Hex color 0F7D84 looks on a white background.

Color Contrast Check

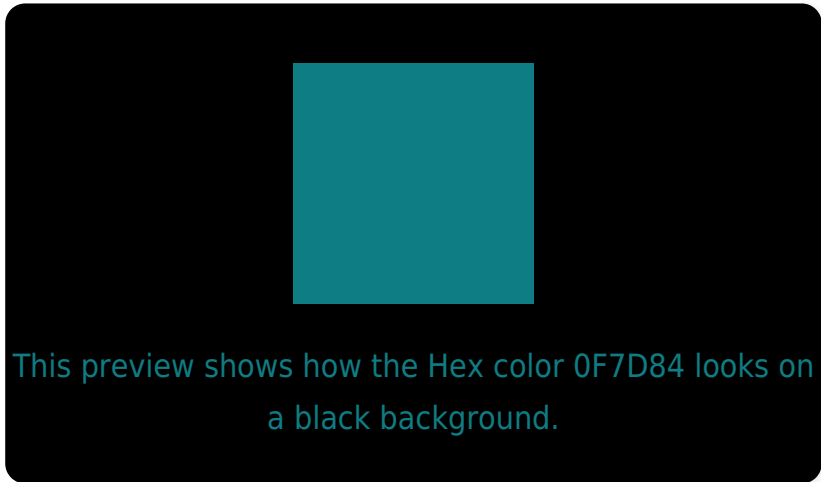
Large Text (above 18pt) WCAG AA ✓ Pass

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

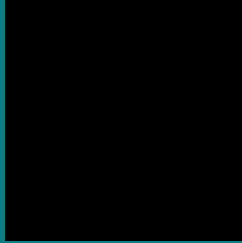
Any Text WCAG AA × Fail

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 0F7D84 Background



This preview shows how black text looks on a background with the Hex color 0F7D84.

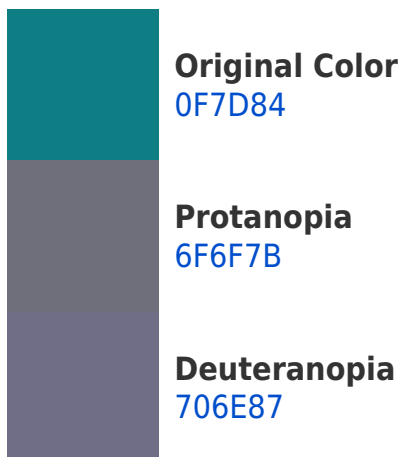


This preview shows how white text looks on a background with the Hex color 0F7D84.

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
147D87

Trichromacy



Original Color
0F7D84

Protanomaly
4C747E

Deuteranomaly
4D7386

Tritanomaly
127D86

Monochromacy



Original Color
0F7D84

Achromatopsia
5D5D5D

Achromatomaly
41696B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F7D84 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 #0F7D84 looks like.

```
.text, #text, p{  
    color:#0F7D84  
}
```

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 #0F7D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7D84
}
```

Border

The CSS property to change the border of an element to Hex 0F7D84 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
#0F7D84 }
```

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

```
.border{ border-color:#0F7D84 }
```

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

Here you see how a box with a 4 pixel #0F7D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7D84; -webkit-box-shadow:4px 4px  
4px 4px #0F7D84; box-shadow:4px 4px 4px  
4px #0F7D84 }
```

Background

The CSS property to change the background color of an element to Hex 0F7D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7D84 }
```

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

```
.background{ background-color:#0F7D84 }
```

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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