

# Converting Colors

Hex(0F7691)

Have a look what the booklet for  
Hex(0F7691) contains.

<b>Hex(0F7691)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F7691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F7691
RGB	15, 118, 145
RGB Percent	6%, 46%, 57%
CMY	0.9412, 0.5373, 0.4314
CMYK	0.90, 0.19, 0.00, 0.43
HSL	192°, 81%, 31%
HSV	192°, 90%, 57%
XYZ	11.7863, 15.1028, 29.0820
YIQ	90.2810, -70.0550, -13.4390

# Conversions

## Conversions Part 2

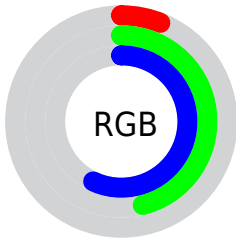
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 72, 145
Decimal	1013393
CIELab	45.77, -16.94, -22.29
CIELCh	46, 27.996, 232.777
Yxy	15.1028, 0.2106, 0.2698
Android (android.graphics.Color)	4279203473 (0xFF0F7691)
YUV	90.2810, 26.9765, -66.0214
Hunter-Lab	38.8623, -13.8729, -17.1652

# Details

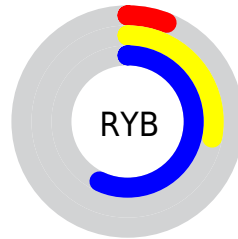
The Hex color **0F7691** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **912A0F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **58AAC7**, and **00455E** is the 20% darker color. If you saturate the color by 10%, you get **007391**, and if you desaturate by 10%, it is **1D7991**.

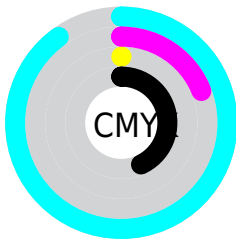
# Distribution



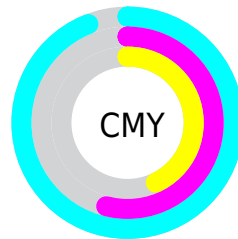
- Red (6%)
- Green (46%)
- Blue (57%)



- Red (6%)
- Yellow (28%)
- Blue (57%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (94%)
- Magenta (54%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F7691 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 0F7691 by changing the saturation by 10% instead.



0F7691

0F7691

FFFFFF

005D77

58AAC7

00455E

75C6E3

002F47

92E2FF

001C30

AEEFF

00011B

CCFFF

000000

E9FFF

0F7691

0F7691

007391

1D7991

■ 2C7C91

■ 3A7F91

■ 498291

■ 588591

■ 668891

■ 748B91

■ 838E91

■ 929191

# Harmonies

## Analogous

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



03797E



0F7691



40709A

# Triad

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



0F7691



965B73



6A7040

# Complementary

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



0F7691



912A0F

# 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.



81693E



0F7691



9A5B5B

# Square

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



0F7691



846089



926148



4E764F

# Rectangle

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



0F7691



5B6B9A



926148



726E3E



# Sweetspot

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



0F7691



8AB2BD



0F9129



40585E



DEDEDE



5E5E5E



# Same Dimension

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



0F7691



0096BD



0F3691



404647



006B87



000608



# Inverse Universe

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



910F76



BD0096



916A0F



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 0F7691 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

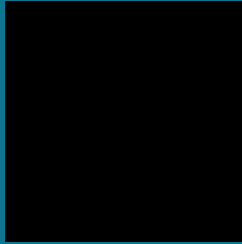
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F7691 Background



This preview shows how black text looks on a background with the Hex color 0F7691.

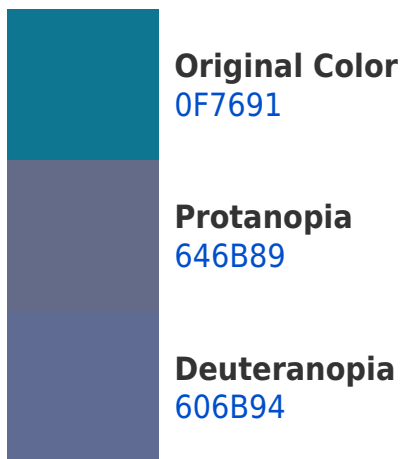


This preview shows how white text looks on a background with the Hex color 0F7691.

# 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](#).

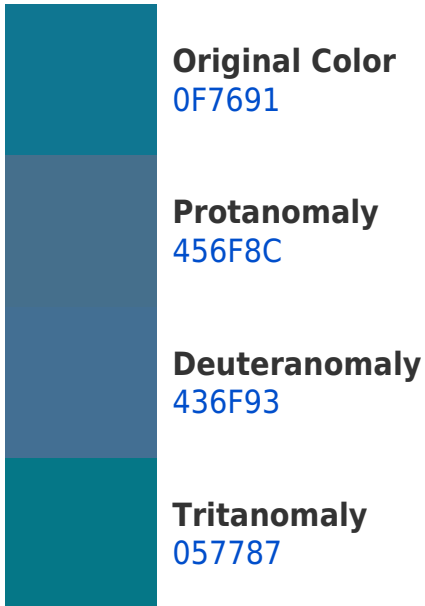
## Dichromacy



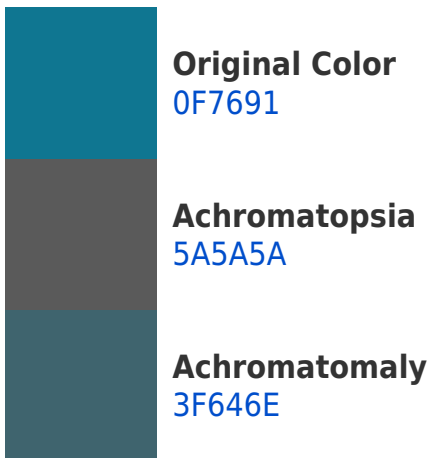


**Tritanopia**  
007881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F7691 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 #0F7691 looks like.

```
.text, #text, p{  
  color:#0F7691  
}
```

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 #0F7691 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7691
}
```

## Border

The CSS property to change the border of an element to Hex 0F7691 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
#0F7691 }
```

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

```
.border{ border-color:#0F7691 }
```

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

Here you see how a box with a 4 pixel #0F7691 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7691; -webkit-box-shadow:4px 4px  
4px 4px #0F7691; box-shadow:4px 4px 4px  
4px #0F7691 }
```

# Background

The CSS property to change the background color of an element to Hex 0F7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7691 }
```

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

```
.background{ background-color:#0F7691 }
```

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