

# Converting Colors

Hex(0F7377)

Have a look what the booklet for  
Hex(0F7377) contains.

<b>Hex(0F7377)</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(0F7377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F7377
RGB	15, 115, 119
RGB Percent	6%, 45%, 47%
CMY	0.9412, 0.5490, 0.5333
CMYK	0.87, 0.03, 0.00, 0.53
HSL	182°, 78%, 26%
HSV	182°, 87%, 47%
XYZ	9.6575, 13.6949, 19.5871
YIQ	85.5560, -60.8840, -19.9560

# Conversions

## Conversions Part 2

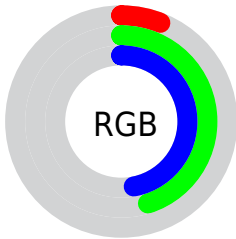
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 66, 119
Decimal	1012599
CIE <sub>Lab</sub>	43.79, -24.41, -9.81
CIE <sub>LCh</sub>	44, 26.307, 201.899
Yxy	13.6949, 0.2249, 0.3189
Android (android.graphics.Color)	4279202679 (0xFF0F7377)
<b>YUV</b>	85.5560, 16.4879, -61.8776
Hunter-Lab	37.0067, -18.1791, -5.4768

# Details

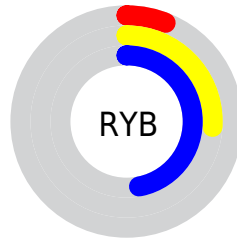
The Hex color **0F7377** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77130F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **53A7AB**, and **004247** is the 20% darker color. If you saturate the color by 10%, you get **037377**, and if you desaturate by 10%, it is **1B7377**.

# Distribution



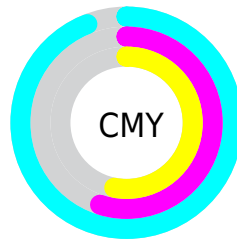
- Red (6%)
- Green (45%)
- Blue (47%)



- Red (6%)
- Yellow (26%)
- Blue (47%)



- Cyan (87%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (94%)
- Magenta (55%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F7377 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 0F7377 by changing the saturation by 10% instead.



 0F7377

 0F7377

FFFFFF

 005A5E

 53A7AB

 004247

 6FC3C6

 002C30

 8BDFE2

 00171C

 A7FBFF

 000000

 C4FFFF

 E1FFFF

 0F7377

 0F7377

 037377

 1B7377

■ 007277

■ 277477

■ 337477

■ 3F7577

■ 4A7577

■ 567677

■ 627677

■ 6E7777

■ 7A7777

# Harmonies

## Analogous

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



307361



0F7377



167189

# Triad

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



0F7377



7D5C83



7B643C

# Complementary

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



0F7377



77130F

# 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.



8B5D46



0F7377



8E576E

# Square

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



0F7377



616490



925758



666B3E

# Rectangle

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



0F7377



306D90



925758



81623E



# Sweetspot

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



0F7377



739A9C



0F7712



374E4F



CFCFCF



4F4F4F



# Same Dimension

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



0F7377



00969C



0F4077



353A3B



00767A



00F0FA



# Inverse Universe

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



770F73



9C0096



77460F



3B353A



7A0076



FA00F0



# Previews

## White Background



This preview shows how the Hex color 0F7377 looks on a white background.

## Color Contrast Check

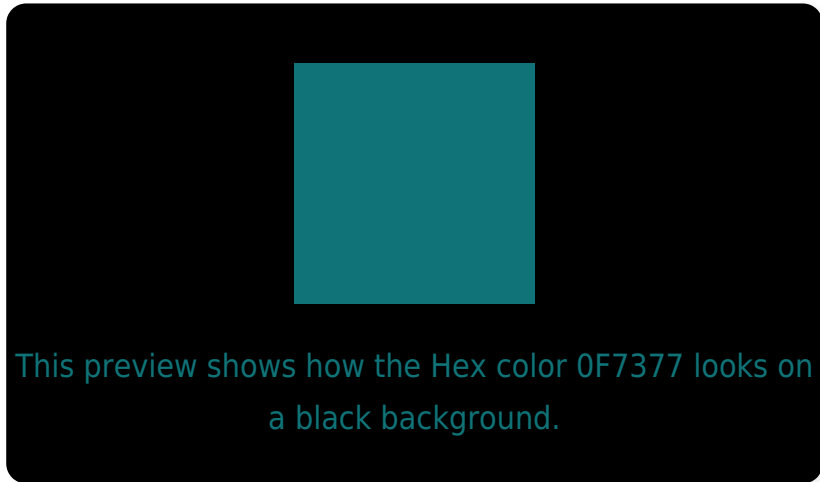
Large Text (above 18pt) WCAG AA ✓ Pass

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

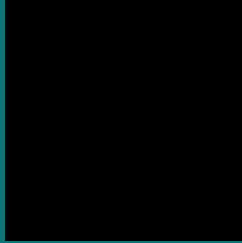
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F7377 Background



This preview shows how black text looks on a background with the Hex color 0F7377.

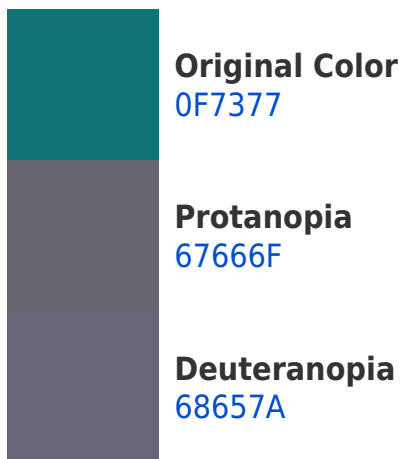


This preview shows how white text looks on a background with the Hex color 0F7377.

# 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](#).

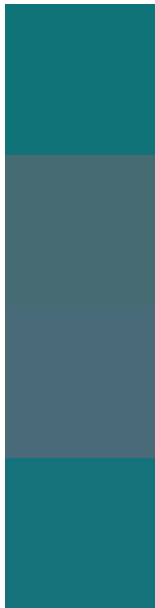
## Dichromacy





**Tritanopia**  
15727C

# Trichromacy



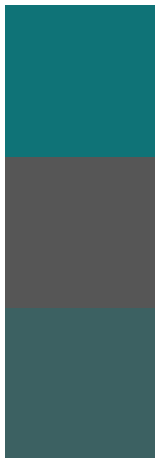
**Original Color**  
0F7377

**Protanomaly**  
476B72

**Deuteranomaly**  
486A79

**Tritanomaly**  
13727A

# Monochromacy



**Original Color**  
0F7377

**Achromatopsia**  
565656

**Achromatomaly**  
3C6162

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F7377 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 #0F7377 looks like.

```
.text, #text, p{  
  color:#0F7377  
}
```

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 #0F7377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F7377
}
```

## Border

The CSS property to change the border of an element to Hex 0F7377 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
#0F7377 }
```

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

```
.border{ border-color:#0F7377 }
```

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

Here you see how a box with a 4 pixel #0F7377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F7377; -webkit-box-shadow:4px 4px  
4px 4px #0F7377; box-shadow:4px 4px 4px  
4px #0F7377 }
```

# Background

The CSS property to change the background color of an element to Hex 0F7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F7377 }
```

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

```
.background{ background-color:#0F7377 }
```

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