

# Converting Colors

Hex(0F6996)

Have a look what the booklet for  
Hex(0F6996) contains.

<b>Hex(0F6996)</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(0F6996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F6996
RGB	15, 105, 150
RGB Percent	6%, 41%, 59%
CMY	0.9412, 0.5882, 0.4118
CMYK	0.90, 0.30, 0.00, 0.41
HSL	200°, 82%, 32%
HSV	200°, 90%, 59%
XYZ	10.7536, 12.4067, 30.6821
YIQ	83.2200, -68.0850, -5.0850

# Conversions

## Conversions Part 2

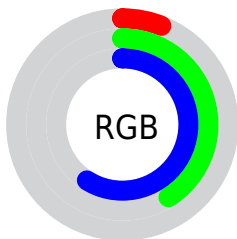
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 69, 150
Decimal	1010070
CIELab	41.86, -7.55, -31.37
CIELCh	42, 32.265, 256.472
Yxy	12.4067, 0.1997, 0.2304
Android (android.graphics.Color)	4279200150 (0xFF0F6996)
YUV	83.2200, 32.9225, -59.8289
Hunter-Lab	35.2232, -7.1447, -26.9900

# Details

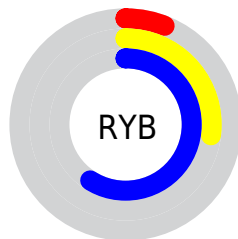
The Hex color **0F6996** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **963C0F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **589CCC**, and **003A63** is the 20% darker color. If you saturate the color by 10%, you get **006496**, and if you desaturate by 10%, it is **1E6E96**.

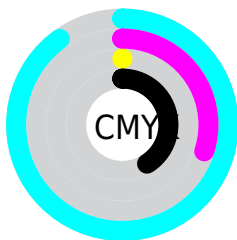
# Distribution



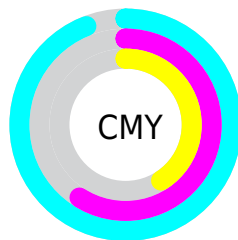
- Red (6%)
- Green (41%)
- Blue (59%)



- Red (6%)
- Yellow (27%)
- Blue (59%)



- Cyan (90%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (59%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F6996 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 0F6996 by changing the saturation by 10% instead.



0F6996

0F6996

FFFFFF

00517C

589CCC

003A63

75B7E9

00254B

91D2FF

001034

AEEFFF

00021E

CBFFFF

000000

E9FFFF

0F6996

0F6996

006496

1E6E96

■ 2D7396

■ 3C7896

■ 4B7D96

■ 5A8296

■ 698796

■ 788C96

■ 879196

■ 969696

# Harmonies

## Analogous

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



006E89



0F6996



526096

# Triad

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



0F6996



954D55



466C3D

# Complementary

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



0F6996



963C0F

# 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.



64662E



0F6996



8F543D

# Square

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



0F6996



8E4E70



7D5D2F



1C7055

# Rectangle

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



0F6996



6D5A8E



7D5D2F



516A37



# Sweetspot

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



0F6996



8DB0C2



0F963C



425761



E0E0E0



616161



# Same Dimension

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



0F6996



0081C2



0F2696



43474A



005C8A



00070A



# Inverse Universe

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



960F69



C20081



96800F



4A4347



8A005C



0A0007



# Previews

## White Background



This preview shows how the Hex color 0F6996 looks on a white background.

### Color Contrast Check

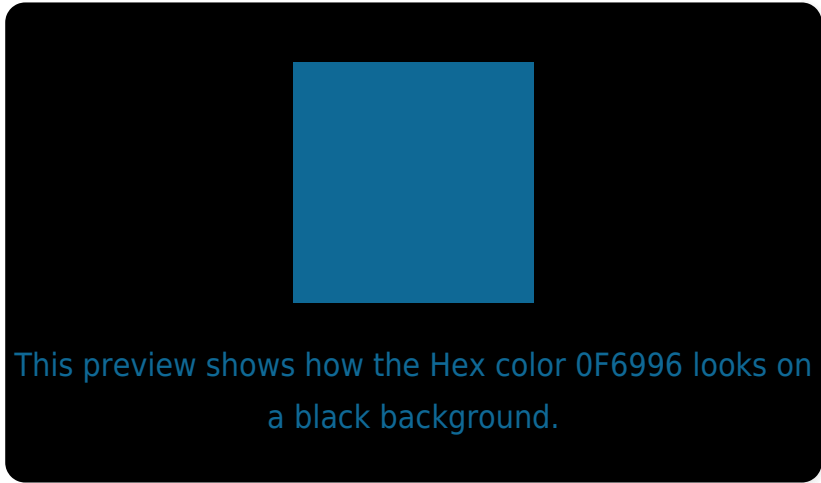
Large Text (above 18pt) WCAG AA ✓ Pass

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

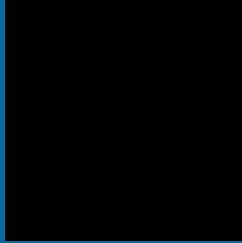
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F6996 Background



This preview shows how black text looks on a background with the Hex color 0F6996.

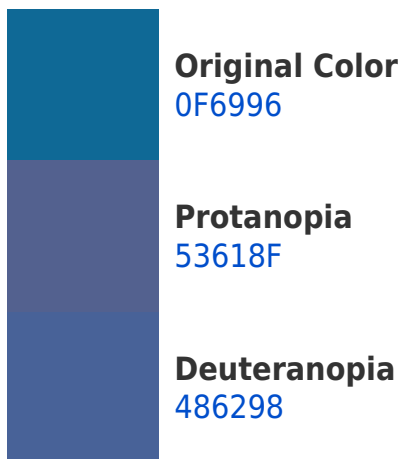


This preview shows how white text looks on a background with the Hex color 0F6996.

# 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**  
006D76

# Trichromacy



**Original Color**  
0F6996

**Protanomaly**  
3A6492

**Deuteranomaly**  
336597

**Tritanomaly**  
056C82

# Monochromacy



**Original Color**  
0F6996

**Achromatopsia**  
535353

**Achromatomaly**  
3A5B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F6996 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 #0F6996 looks like.

```
.text, #text, p{  
    color:#0F6996  
}
```

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 #0F6996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6996
}
```

## Border

The CSS property to change the border of an element to Hex 0F6996 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
#0F6996 }
```

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

```
.border{ border-color:#0F6996 }
```

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

Here you see how a box with a 4 pixel #0F6996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6996; -webkit-box-shadow:4px 4px  
4px 4px #0F6996; box-shadow:4px 4px 4px  
4px #0F6996 }
```

# Background

The CSS property to change the background color of an element to Hex 0F6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6996 }
```

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

```
.background{ background-color:#0F6996 }
```

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