

# Converting Colors

Hex(0F5097)

Have a look what the booklet for  
Hex(0F5097) contains.

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# Color

**Hex(0F5097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F5097
RGB	15, 80, 151
RGB Percent	6%, 31%, 59%
CMY	0.9412, 0.6863, 0.4078
CMYK	0.90, 0.47, 0.00, 0.41
HSL	211°, 82%, 33%
HSV	211°, 90%, 59%
XYZ	8.6516, 8.0732, 30.3805
YIQ	68.6590, -61.5310, 8.3010

# Conversions

## Conversions Part 2

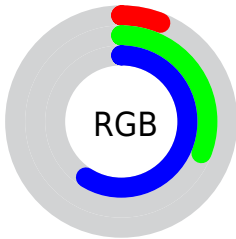
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 59, 151
Decimal	1003671
CIE <sub>Lab</sub>	34.13, 8.82, -44.25
CIE <sub>LCh</sub>	34, 45.120, 281.270
Yxy	8.0732, 0.1837, 0.1714
Android (android.graphics.Color)	4279193751 (0xFF0F5097)
YUV	68.6590, 40.5941, -47.0589
Hunter-Lab	28.4135, 4.6277, -43.5051

# Details

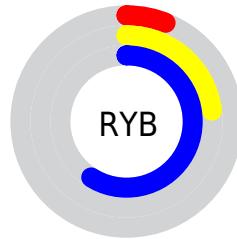
The Hex color **0F5097** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **97560F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5881CE**, and **002563** is the 20% darker color. If you saturate the color by 10%, you get **004897**, and if you desaturate by 10%, it is **1E5897**.

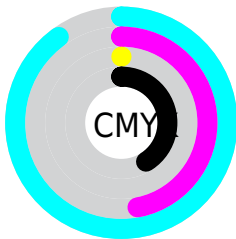
# Distribution



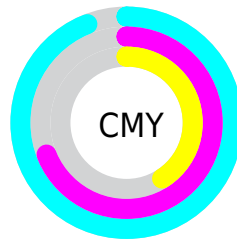
- Red (6%)
- Green (31%)
- Blue (59%)



- Red (6%)
- Yellow (23%)
- Blue (59%)



- Cyan (90%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (94%)
- Magenta (69%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F5097 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 0F5097 by changing the saturation by 10% instead.



0F5097

0F5097

FFFFFF

003A7D

5881CE

002563

759AEA

00104B

91B5FF

000434

AED1FF

00021E

CBEDFF

000000

E9FFFF

0F5097

0F5097

004897

1E5897

■ 2D6097

■ 3C6897

■ 4B7097

■ 5B7797

■ 6A7F97

■ 798797

■ 888F97

■ 979797

# Harmonies

## Analogous

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



005A94



0F5097



634087

# Triad

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



0F5097



893622



005F38

# Complementary

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



0F5097



97560F

# 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.



2C5B14



0F5097



734602

# Square

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



0F5097



902B44



555300



00615D

# Rectangle

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



0F5097



7C3573



555300



005E2C



# Sweetspot

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



0F5097



8FA9C4



0F9755



445363



E3E3E3



636363



# Same Dimension

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



0F5097



005EC4



110F97



45494D



00438C



00060D



# Inverse Universe

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



970F50



C4005E



95970F



4D4549



8C0043



0D0006



# Previews

## White Background



This preview shows how the Hex color 0F5097 looks on a white background.

## Color Contrast Check

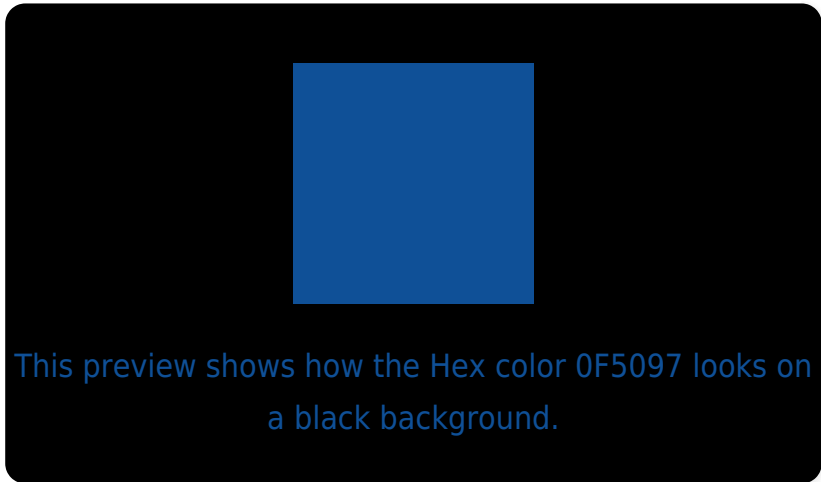
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

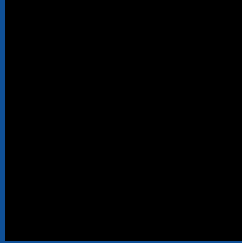
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F5097 Background



This preview shows how black text looks on a background with the Hex color 0F5097.



This preview shows how white text looks on a background with the Hex color 0F5097.

# 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**  
00595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F5097 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 #0F5097 looks like.

```
.text, #text, p{  
    color:#0F5097  
}
```

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 #0F5097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5097
}
```

## Border

The CSS property to change the border of an element to Hex 0F5097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

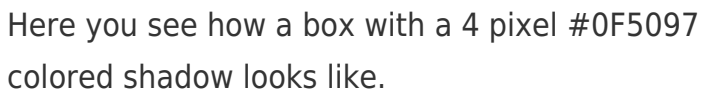
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F5097 }
```

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

```
.border{ border-color:#0F5097 }
```

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



Here you see how a box with a 4 pixel #0F5097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5097; -webkit-box-shadow:4px 4px  
4px 4px #0F5097; box-shadow:4px 4px 4px  
4px #0F5097 }
```

# Background

The CSS property to change the background color of an element to Hex 0F5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5097 }
```

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

```
.background{ background-color:#0F5097 }
```

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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