

# Converting Colors

Hex(0F5092)

Have a look what the booklet for  
Hex(0F5092) contains.

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# Color

**Hex(0F5092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F5092
RGB	15, 80, 146
RGB Percent	6%, 31%, 57%
CMY	0.9412, 0.6863, 0.4275
CMYK	0.90, 0.45, 0.00, 0.43
HSL	210°, 81%, 32%
HSV	210°, 90%, 57%
XYZ	8.2540, 7.9142, 28.2867
YIQ	68.0890, -59.9260, 6.7460

# Conversions

## Conversions Part 2

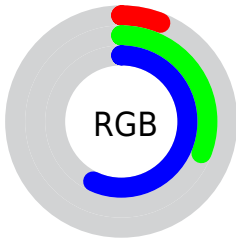
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 58, 146
Decimal	1003666
CIE <sub>Lab</sub>	33.80, 6.75, -41.75
CIE <sub>LCh</sub>	34, 42.289, 279.180
Yxy	7.9142, 0.1857, 0.1780
Android (android.graphics.Color)	4279193746 (0xFF0F5092)
YUV	68.0890, 38.4101, -46.5591
Hunter-Lab	28.1322, 3.1405, -39.9231

# Details

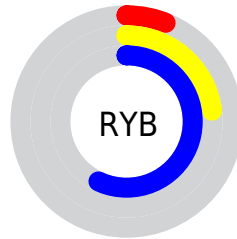
The Hex color **0F5092** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **92510F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5681C8**, and **00255F** is the 20% darker color. If you saturate the color by 10%, you get **004992**, and if you desaturate by 10%, it is **1E5792**.

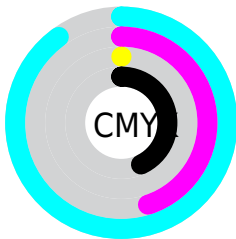
# Distribution



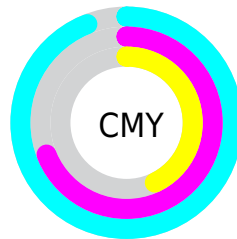
- Red (6%)
- Green (31%)
- Blue (57%)



- Red (6%)
- Yellow (23%)
- Blue (57%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (43%)



- Cyan (94%)
- Magenta (69%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F5092 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 0F5092 by changing the saturation by 10% instead.



0F5092

0F5092

FFFFFF

003978

5681C8

00255F

739BE5

000F47

8FB5FF

000430

ACD1FF

00011A

C9EDFF

000000

E7FFFF

0F5092

0F5092

004992

1E5792

■ 004892

■ 2C5F92

■ 3B6692

■ 496D92

■ 587592

■ 677C92

■ 758392

■ 848B92

■ 929292

# Harmonies

## Analogous

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



00598E



0F5092



5E4284

# Triad

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



0F5092



863727



005E36

# Complementary

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



0F5092



92510F

# 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.



325916



0F5092



73450B

# Square

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



0F5092



8B2E47



565100



005F59

# Rectangle

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



0F5092



773872



565100



015C2B



# Sweetspot

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



0F5092



8AA3BD



0F9251



404F5E



DEDEDE



5E5E5E



# Same Dimension

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



0F5092



005EBD



0F0F92



43464A



00448A



00050A



# Inverse Universe

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



920F50



BD005E



92920F



4A4346



8A0044



0A0005



# Previews

## White Background



This preview shows how the Hex color 0F5092 looks on a white background.

## Color Contrast Check

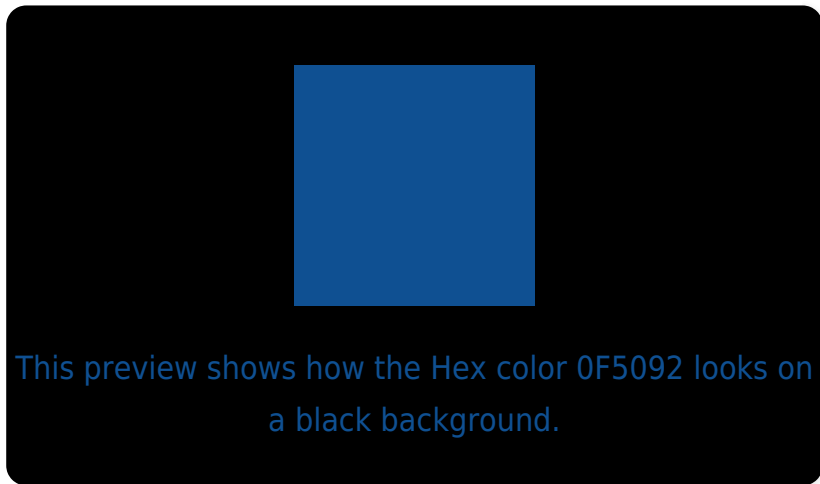
Large Text (above 18pt) WCAG AA ✓ Pass

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

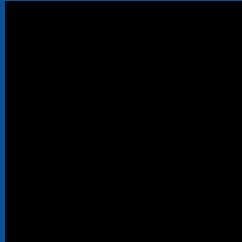
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F5092 Background



This preview shows how black text looks on a background with the Hex color 0F5092.



This preview shows how white text looks on a background with the Hex color 0F5092.

# 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



**Original Color**  
0F5092

**Protanopia**  
2F4D8F

**Deuteranopia**  
00518F



# Trichromacy



**Original Color**  
0F5092

**Protanomaly**  
234E90

**Deuteranomaly**  
055190

**Tritanomaly**  
055571

# Monochromacy



**Original Color**  
0F5092

**Achromatopsia**  
444444

**Achromatomaly**  
314860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F5092 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 #0F5092 looks like.

```
.text, #text, p{  
    color:#0F5092  
}
```

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 #0F5092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5092
}
```

## Border

The CSS property to change the border of an element to Hex 0F5092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

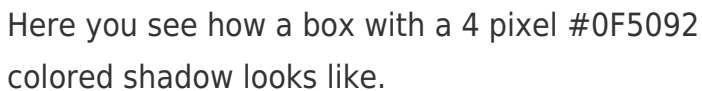
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F5092 }
```

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

```
.border{ border-color:#0F5092 }
```

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



Here you see how a box with a 4 pixel #0F5092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5092; -webkit-box-shadow:4px 4px  
4px 4px #0F5092; box-shadow:4px 4px 4px  
4px #0F5092 }
```

# Background

The CSS property to change the background color of an element to Hex 0F5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5092 }
```

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

```
.background{ background-color:#0F5092 }
```

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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