

# Converting Colors

Hex(0F4D92)

Have a look what the booklet for  
Hex(0F4D92) contains.

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# Color

Hex(0F4D92)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F4D92
RGB	15, 77, 146
RGB Percent	6%, 30%, 57%
CMY	0.9412, 0.6980, 0.4275
CMYK	0.90, 0.47, 0.00, 0.43
HSL	212°, 81%, 32%
HSV	212°, 90%, 57%
XYZ	8.0392, 7.4846, 28.2151
YIQ	66.3280, -59.1010, 8.3150

# Conversions

## Conversions Part 2

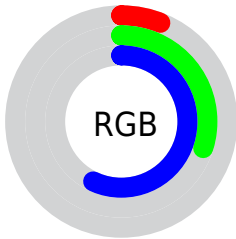
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 57, 146
Decimal	1002898
CIE <sub>Lab</sub>	32.89, 8.77, -43.22
CIE <sub>LCh</sub>	33, 44.102, 281.464
Yxy	7.4846, 0.1838, 0.1711
Android (android.graphics.Color)	4279192978 (0xFF0F4D92)
YUV	66.3280, 39.2783, -45.0147
Hunter-Lab	27.3581, 4.5757, -41.9967

# Details

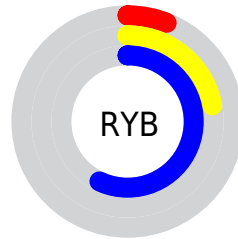
The Hex color **0F4D92** is a dark color, and the websafe version is hex **003366**, and the color name is **yale blue**. A complement of this color would be **92540F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **567DC9**, and **00225F** is the 20% darker color. If you saturate the color by 10%, you get **004592**, and if you desaturate by 10%, it is **1E5592**.

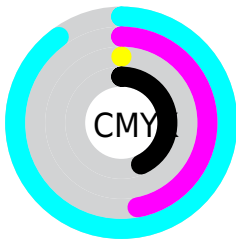
# Distribution



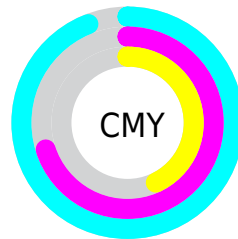
- Red (6%)
- Green (30%)
- Blue (57%)



- Red (6%)
- Yellow (22%)
- Blue (57%)



- Cyan (90%)
- Magenta (47%)
- Yellow (0%)
- Black (43%)



- Cyan (94%)
- Magenta (70%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F4D92 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 0F4D92 by changing the saturation by 10% instead.



0F4D92

0F4D92

FFFFFF

003778

567DC9

00225F

7397E5

000B47

90B2FF

00042F

ACCDFF

00011A

C9E9FF

000000

E7FFFF

0F4D92

0F4D92

004592

1E5592

■ 2C5C92

■ 3B6492

■ 496C92

■ 587392

■ 677B92

■ 758392

■ 848B92

■ 929292

# Harmonies

## Analogous

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



00578F



0F4D92



5F3E82

# Triad

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



0F4D92



843421



005C36

# Complementary

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



0F4D92



92540F

# 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.



2A5813



0F4D92



6F4402

# Square

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



0F4D92



8B2941



515000



005D5A

# Rectangle

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



0F4D92



78336F



515000



005B2A



# Sweetspot

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



0F4D92



8AA2BD



0F9253



404E5E



DEDEDE



5E5E5E



# Same Dimension

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



0F4D92



0059BD



110F92



43464A



00418A



00050A



# Inverse Universe

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



920F4D



BD0059



90920F



4A4346



8A0041



0A0005



# Previews

## White Background



This preview shows how the Hex color 0F4D92 looks on a white background.

## Color Contrast Check

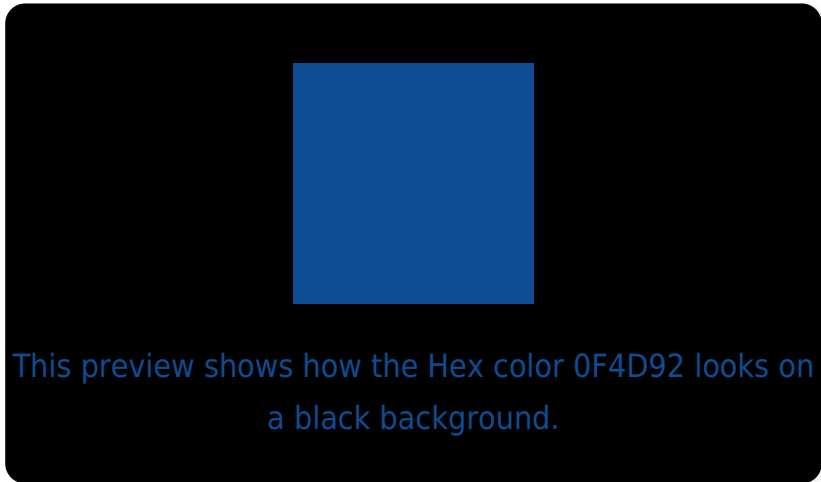
Large Text (above 18pt) WCAG AA ✓ Pass

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

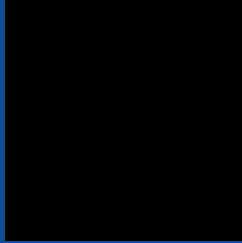
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F4D92 Background



This preview shows how black text looks on a background with the Hex color 0F4D92.



This preview shows how white text looks on a background with the Hex color 0F4D92.

# Color Blindness Simulation

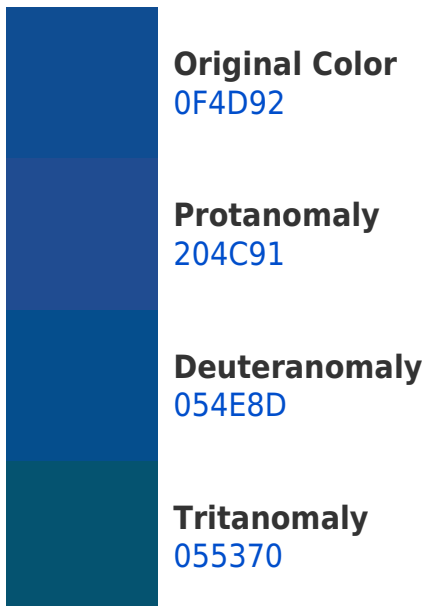
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

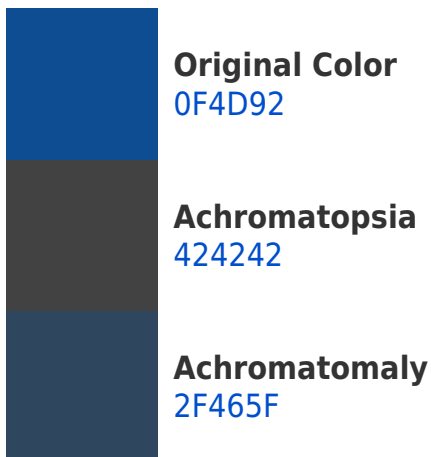




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F4D92 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 #0F4D92 looks like.

```
.text, #text, p{  
    color:#0F4D92  
}
```

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 #0F4D92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4D92
}
```

## Border

The CSS property to change the border of an element to Hex 0F4D92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

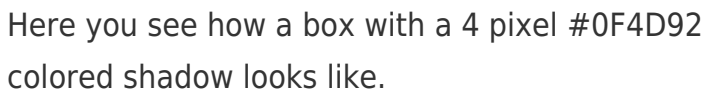
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F4D92 }
```

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

```
.border{ border-color:#0F4D92 }
```

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



Here you see how a box with a 4 pixel #0F4D92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4D92; -webkit-box-shadow:4px 4px  
4px 4px #0F4D92; box-shadow:4px 4px 4px  
4px #0F4D92 }
```

# Background

The CSS property to change the background color of an element to Hex 0F4D92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4D92 }
```

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

```
.background{ background-color:#0F4D92 }
```

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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