

# Converting Colors

Hex(3F7491)

Have a look what the booklet for  
Hex(3F7491) contains.

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# Color

**Hex(3F7491)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F7491
RGB	63, 116, 145
RGB Percent	25%, 45%, 57%
CMY	0.7529, 0.5451, 0.4314
CMYK	0.57, 0.20, 0.00, 0.43
HSL	201°, 39%, 41%
HSV	201°, 57%, 57%
XYZ	13.4061, 15.5919, 29.0910
YIQ	103.4590, -40.8970, -2.2170

# Conversions

## Conversions Part 2

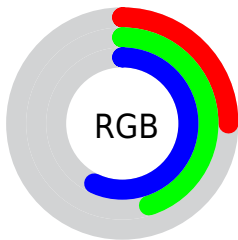
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 95, 145
Decimal	4158609
CIE Lab	46.43, -8.84, -21.17
CIE LCh	46, 22.941, 247.327
Yxy	15.5919, 0.2308, 0.2684
Android (android.graphics.Color)	4282348689 (0xFF3F7491)
YUV	103.4590, 20.4797, -35.4825
Hunter-Lab	39.4866, -8.4987, -16.0403

# Details

The Hex color **3F7491** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **915C3F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75A8C7**, and **00445E** is the 20% darker color. If you saturate the color by 10%, you get **306F91**, and if you desaturate by 10%, it is **4E7991**.

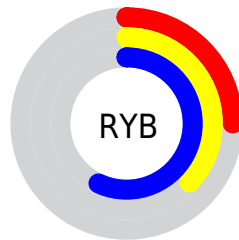
# Distribution



Red (25%)

Green (45%)

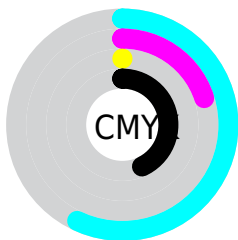
Blue (57%)



Red (25%)

Yellow (37%)

Blue (57%)

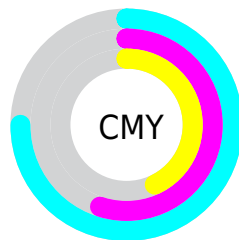


Cyan (57%)

Magenta (20%)

Yellow (0%)

Black (43%)



Cyan (75%)

Magenta (55%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F7491 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 3F7491 by changing the saturation by 10% instead.



■ 3F7491

■ 3F7491

FFFFFF

■ 225B77

■ 75A8C7

■ 00445E

■ 90C3E3

■ 002E47

■ ACDCFF

■ 001A30

■ C8FCFF

■ 00011B

■ E5FFFF

■ 000000

■ 3F7491

■ 3F7491

■ 306F91

■ 4E7991

■ 226A91

■ 5C7E91

■ 136591

■ 6B8391

■ 055F91

■ 798991

■ 005E91

■ 888E91

■ 969391

■ A49891

■ B39D91

■ C1A291

# Harmonies

## Analogous

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



2E7885



3F7491



5C6E94

# Triad

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



3F7491



94606A



62744F

# Complementary

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



3F7491



915C3F

# 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.



776E48



3F7491



926258

# Square

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



3F7491



8A627D



88684B



4B775F

# Rectangle

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



3F7491



6E6A90



88684B



69724B



# Sweetspot

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



3F7491



9DB1BD



3F915C



4B585E



DEDEDE



5E5E5E



# Same Dimension

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



3F7491



3C8FBD



3F4B91



404547



005787



000508



# Inverse Universe

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



913F74



BD3C8F



91853F



474045



870057



080005



# Previews

## White Background



This preview shows how the Hex color 3F7491 looks on a white background.

## Color Contrast Check

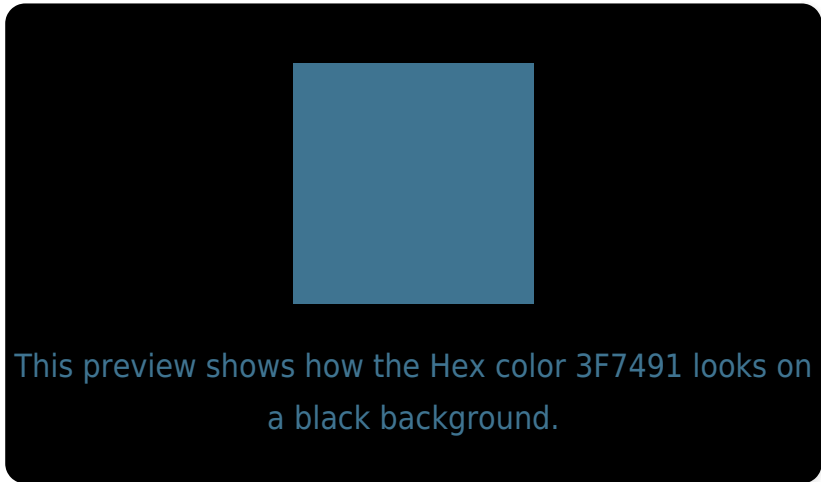
Large Text (above 18pt) WCAG AA ✓ Pass

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

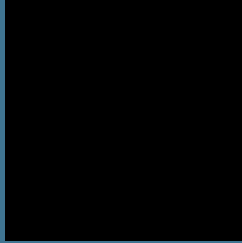
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F7491 Background



This preview shows how black text looks on a background with the Hex color 3F7491.

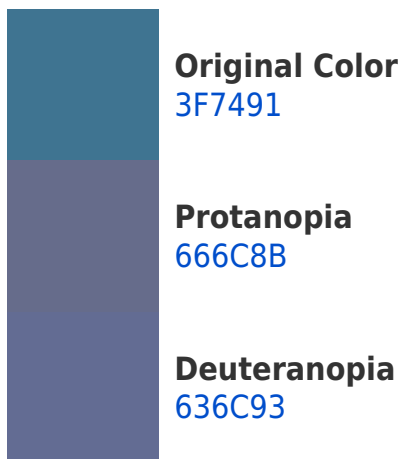



This preview shows how white text looks on a background with the Hex color 3F7491.

# 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](#).

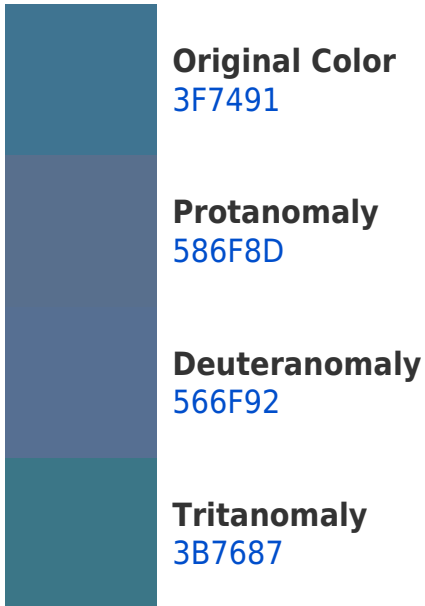
## Dichromacy





**Tritanopia**  
387781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F7491 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 #3F7491 looks like.

```
.text, #text, p{  
    color:#3F7491  
}
```

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 #3F7491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7491
}
```

## Border

The CSS property to change the border of an element to Hex 3F7491 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
#3F7491 }
```

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

```
.border{ border-color:#3F7491 }
```

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

Here you see how a box with a 4 pixel #3F7491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7491; -webkit-box-shadow:4px 4px  
4px 4px #3F7491; box-shadow:4px 4px 4px  
4px #3F7491 }
```

# Background

The CSS property to change the background color of an element to Hex 3F7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7491 }
```

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

```
.background{ background-color:#3F7491 }
```

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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