

# Converting Colors

Hex(3F74AD)

Have a look what the booklet for  
Hex(3F74AD) contains.

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# Color

Hex(3F74AD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F74AD
RGB	63, 116, 173
RGB Percent	25%, 45%, 68%
CMY	0.7529, 0.5451, 0.3216
CMYK	0.64, 0.33, 0.00, 0.32
HSL	211°, 47%, 46%
HSV	211°, 64%, 68%
XYZ	15.8381, 16.5647, 41.8977
YIQ	106.6510, -49.8850, 6.4910

# Conversions

## Conversions Part 2

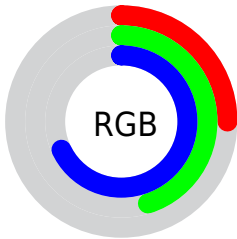
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 99, 173
Decimal	4158637
CIELab	47.71, 0.54, -35.63
CIElCh	48, 35.635, 270.876
Yxy	16.5647, 0.2132, 0.2229
Android (android.graphics.Color)	4282348717 (0xFF3F74AD)
YUV	106.6510, 32.7101, -38.2819
Hunter-Lab	40.6997, -1.7620, -32.5454

# Details

The Hex color **3F74AD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD783F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **79A8E5**, and **004478** is the 20% darker color. If you saturate the color by 10%, you get **2E6BAD**, and if you desaturate by 10%, it is **507DAD**.

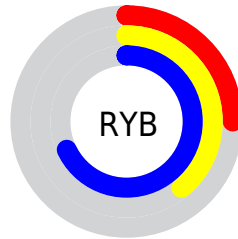
# Distribution



Red (25%)

Green (45%)

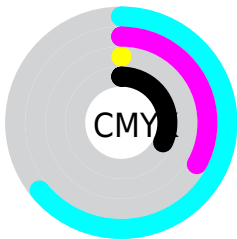
Blue (68%)



Red (25%)

Yellow (39%)

Blue (68%)

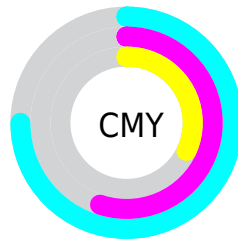


Cyan (64%)

Magenta (33%)

Yellow (0%)

Black (32%)



Cyan (75%)

Magenta (55%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F74AD 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 3F74AD by changing the saturation by 10% instead.



■ 3F74AD

■ 3F74AD

FFFFFF

■ 1D5C92

■ 79A8E5

■ 004478

■ 95C3FF

■ 002E5F

■ B1DFFF

■ 001A47

■ CEFBFF

■ 000430

■ ECFBFF

■ 00011B

■ 000000

■ 3F74AD

■ 3F74AD

■ 2E6BAD

■ 507DAD

■ 1C62AD

■ 6286AD

■ 0B59AD

■ 738FAD

■ 0053AD

■ 8498AD

■ 96A1AD

■ A7AAAD

■ B8B3AD

■ C9BCAD

■ DBC5AD

# Harmonies

## Analogous

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



007CA5



3F74AD



7569A5

# Triad

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



3F74AD



A85B54



3D7E53

# Complementary

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



3F74AD



AD783F

# 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.



64783C



3F74AD



9A653D

# Square

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



3F74AD



A85871



827033



008171

# Rectangle

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



3F74AD



8E6197



827033



4B7D4A



# Sweetspot

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



3F74AD



B6CAE0



3FAD78



566370



F0F0F0



707070



# Same Dimension

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



3F74AD



3688E0



413FAD



4E5257



004896



000B17



# Inverse Universe

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



AD3F74



E03688



ABAD3F



574E52



960048



17000B



# Previews

## White Background



This preview shows how the Hex color 3F74AD looks on a white background.

## Color Contrast Check

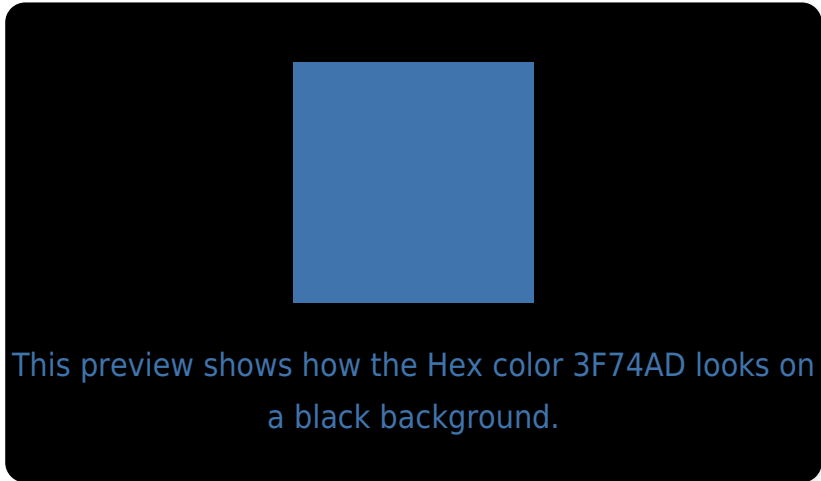
Large Text (above 18pt) WCAG AA ✓ Pass

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

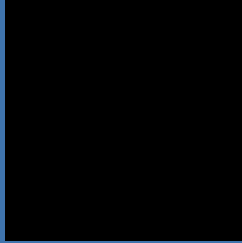
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F74AD Background



This preview shows how black text looks on a background with the Hex color 3F74AD.

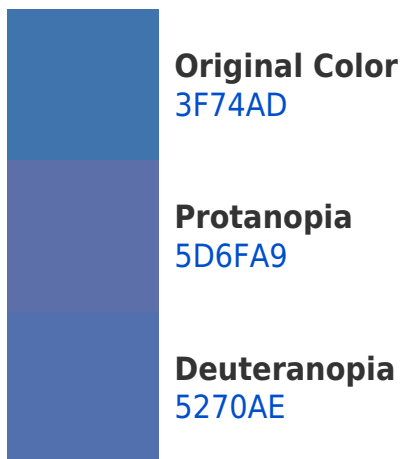


This preview shows how white text looks on a background with the Hex color 3F74AD.

# 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](#).

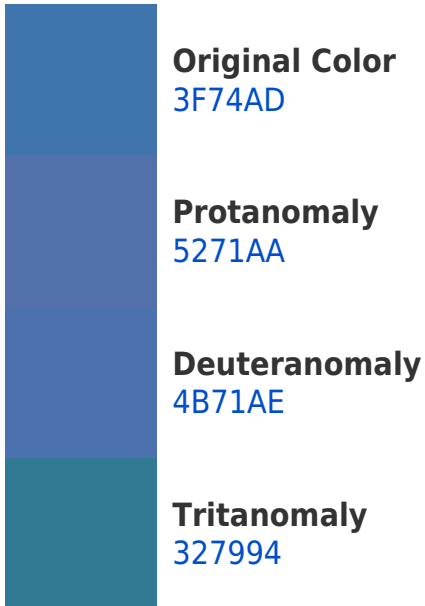
## Dichromacy



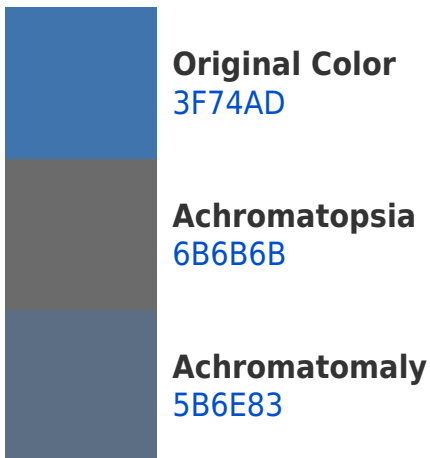


**Tritanopia**  
2A7C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F74AD 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 #3F74AD looks like.

```
.text, #text, p{  
    color:#3F74AD  
}
```

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 #3F74AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F74AD
}
```

## Border

The CSS property to change the border of an element to Hex 3F74AD 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
#3F74AD }
```

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

```
.border{ border-color:#3F74AD }
```

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

Here you see how a box with a 4 pixel #3F74AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F74AD; -webkit-box-shadow:4px 4px  
4px 4px #3F74AD; box-shadow:4px 4px 4px  
4px #3F74AD }
```

# Background

The CSS property to change the background color of an element to Hex 3F74AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F74AD }
```

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

```
.background{ background-color:#3F74AD }
```

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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