

# Converting Colors

Hex(3C74BA)

Have a look what the booklet for  
Hex(3C74BA) contains.

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# Color

**Hex(3C74BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C74BA
RGB	60, 116, 186
RGB Percent	24%, 45%, 73%
CMY	0.7647, 0.5451, 0.2706
CMYK	0.68, 0.38, 0.00, 0.27
HSL	213°, 51%, 48%
HSV	213°, 68%, 73%
XYZ	16.9718, 16.9966, 48.8405
YIQ	107.2360, -55.8460, 9.8980

# Conversions

## Conversions Part 2

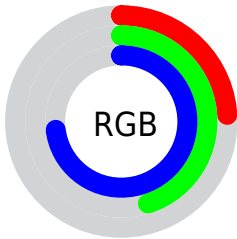
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 99, 186
Decimal	3962042
CIELab	48.26, 4.59, -42.31
CIELCh	48, 42.561, 276.195
Yxy	16.9966, 0.2050, 0.2053
Android (android.graphics.Color)	4282152122 (0xFF3C74BA)
YUV	107.2360, 38.8307, -41.4260
Hunter-Lab	41.2269, 1.3355, -41.3805

# Details

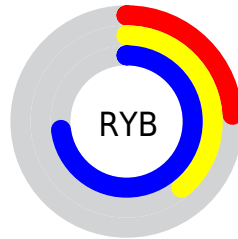
The Hex color **3C74BA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA823C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **78A8F3**, and **004584** is the 20% darker color. If you saturate the color by 10%, you get **296ABA**, and if you desaturate by 10%, it is **4F7EBA**.

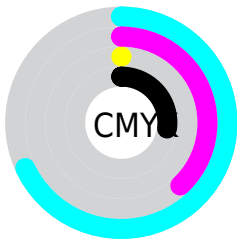
# Distribution



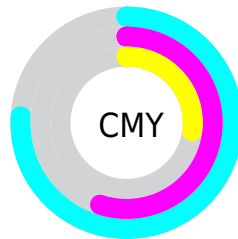
- Red (24%)
- Green (45%)
- Blue (73%)



- Red (24%)
- Yellow (39%)
- Blue (73%)



- Cyan (68%)
- Magenta (38%)
- Yellow (0%)
- Black (27%)



- Cyan (76%)
- Magenta (55%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C74BA 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 3C74BA by changing the saturation by 10% instead.



■ 3C74BA

■ 3C74BA

FFFFFF

■ 135C9F

■ 78A8F3

■ 004584

■ 95C3FF

■ 002F6B

■ B2DFFF

■ 001B52

■ D0FBFF

■ 00063B

■ EDFFFF

■ 000224

■ 00000C

■ 000000

■ 3C74BA

■ 3C74BA

■ 296ABA

■ 4F7EBA

■ 175FBA

■ 6189BA

■ 0455BA

■ 7493BA

■ 0053BA

■ 869DBA

■ 99A8BA

■ ACB2BA

■ BEBCBA

■ D1C7BA

■ E3D1BA

# Harmonies

## Analogous

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



007EB4



3C74BA



7F66AD

# Triad

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



3C74BA



B1594A



218254

# Complementary

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



3C74BA



BA823C

# 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.



5A7D36



3C74BA



9E6630

# Square

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



3C74BA



B5536C



807327



008479

# Rectangle

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



3C74BA



9A5C9B



807327



398149



# Sweetspot

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



3C74BA



C2D7F2



3CBA81



5D6A7A



FAFAFA



7A7A7A



# Same Dimension

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



3C74BA



2E85F2



423CBA



53575C



00459C



000C1C



# Inverse Universe

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



BA3C74



F22E85



B4BA3C



5C5357



9C0045

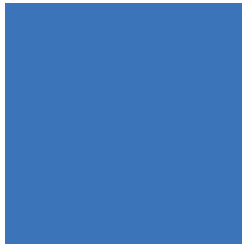


1C000C



# Previews

## White Background



This preview shows how the Hex color 3C74BA looks on a white background.

## Color Contrast Check

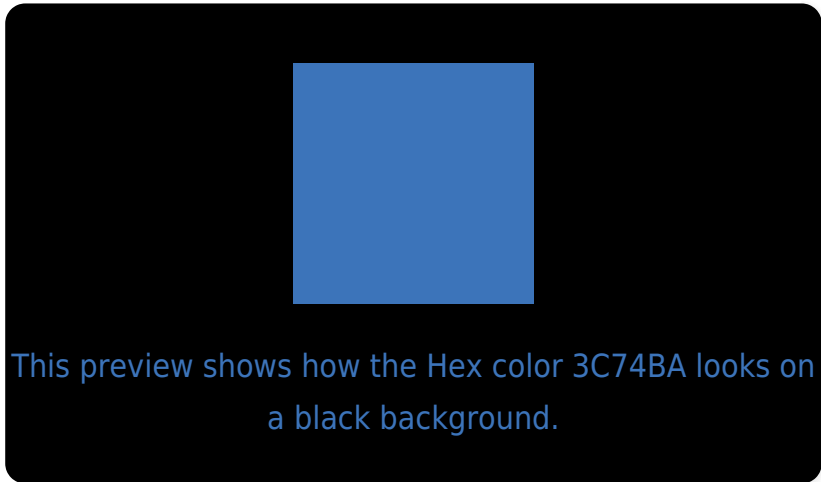
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C74BA Background



This preview shows how black text looks on a background with the Hex color 3C74BA.

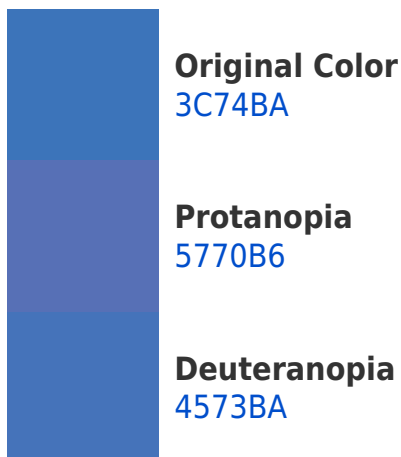


This preview shows how white text looks on a background with the Hex color 3C74BA.

# 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](#).

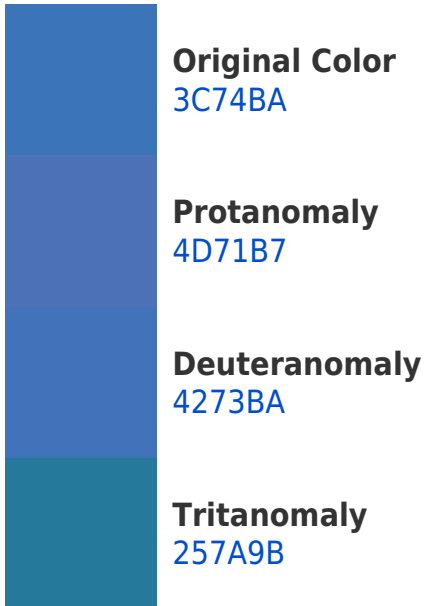
## Dichromacy



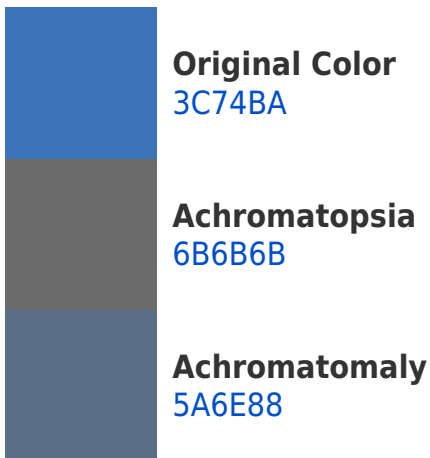


**Tritanopia**  
187E89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C74BA 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 #3C74BA looks like.

```
.text, #text, p{  
    color:#3C74BA  
}
```

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 #3C74BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C74BA
}
```

## Border

The CSS property to change the border of an element to Hex 3C74BA 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
#3C74BA }
```

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

```
.border{ border-color:#3C74BA }
```

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

Here you see how a box with a 4 pixel #3C74BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C74BA; -webkit-box-shadow:4px 4px  
4px 4px #3C74BA; box-shadow:4px 4px 4px  
4px #3C74BA }
```

# Background

The CSS property to change the background color of an element to Hex 3C74BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C74BA }
```

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

```
.background{ background-color:#3C74BA }
```

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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