

# Converting Colors

Hex(3F6B96)

Have a look what the booklet for  
Hex(3F6B96) contains.

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# Color

**Hex(3F6B96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F6B96
RGB	63, 107, 150
RGB Percent	25%, 42%, 59%
CMY	0.7529, 0.5804, 0.4118
CMYK	0.58, 0.29, 0.00, 0.41
HSL	210°, 41%, 42%
HSV	210°, 58%, 59%
XYZ	12.8126, 13.7742, 30.8375
YIQ	98.7460, -40.0270, 4.0450

# Conversions

## Conversions Part 2

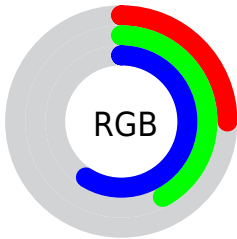
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	63, 92, 150
Decimal	4156310
CIE Lab	43.91, -1.85, -28.05
CIE LCh	44, 28.114, 266.228
Yxy	13.7742, 0.2231, 0.2399
Android (android.graphics.Color)	4282346390 (0xFF3F6B96)
YUV	98.7460, 25.2682, -31.3492
Hunter-Lab	37.1136, -3.3256, -23.2844

# Details

The Hex color **3F6B96** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **966A3F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **759ECC**, and **003C63** is the 20% darker color. If you saturate the color by 10%, you get **306496**, and if you desaturate by 10%, it is **4E7296**.

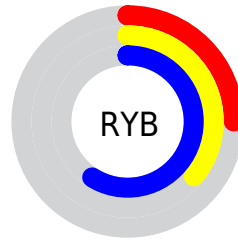
# Distribution



Red (25%)

Green (42%)

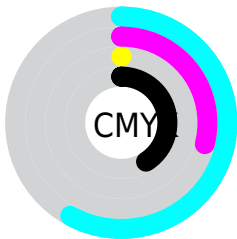
Blue (59%)



Red (25%)

Yellow (36%)

Blue (59%)

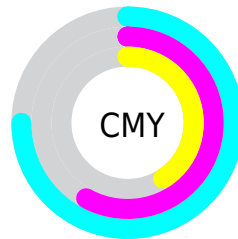


Cyan (58%)

Magenta (29%)

Yellow (0%)

Black (41%)



Cyan (75%)

Magenta (58%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F6B96 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 3F6B96 by changing the saturation by 10% instead.



■ 3F6B96

■ 3F6B96

FFFFFF

■ 22537C

■ 759ECC

■ 003C63

■ 91B9E9

■ 00274B

■ ACD5FF

■ 001234

■ C9F1FF

■ 00021E

■ E6FFFF

■ 000001

■ 000000

■ 3F6B96

■ 3F6B96

■ 306496

■ 4E7296

■ 215C96

■ 5D7A96

■ 125596

■ 6C8196

■ 034D96

■ 7B8996

■ 004C96

■ 8A9096

■ 999796

■ A89F96

■ B7A696

■ C6AE96

# Harmonies

## Analogous

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



07718E



3F6B96



666392

# Triad

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



3F6B96



955754



46724D

# Complementary

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



3F6B96



966A3F

# 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.



626D3D



3F6B96



8B5D42

# Square

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



3F6B96



92566C



796539



247464

# Rectangle

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



3F6B96



7A5D88



796539



507047



# Sweetspot

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



3F6B96



A1B2C2



3F9669



4E5761



E0E0E0



616161



# Same Dimension

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



3F6B96



3A7FC2



3F4096



43464A



00468A



00050A



# Inverse Universe

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



963F6B



C23A7F



96953F



4A4346



8A0046



0A0005



# Previews

## White Background



This preview shows how the Hex color 3F6B96 looks on a white background.

## Color Contrast Check

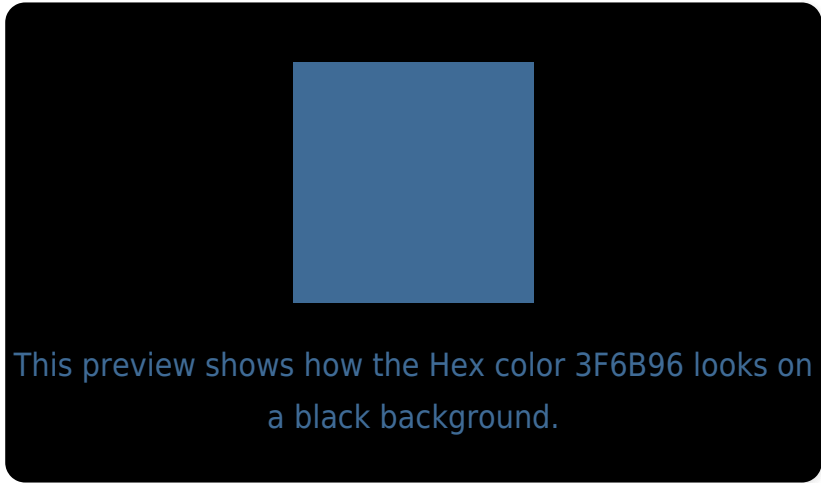
Large Text (above 18pt) WCAG AA ✓ Pass

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

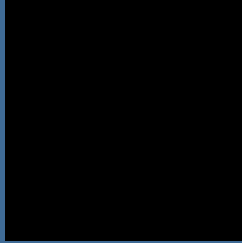
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F6B96 Background



This preview shows how black text looks on a background with the Hex color 3F6B96.

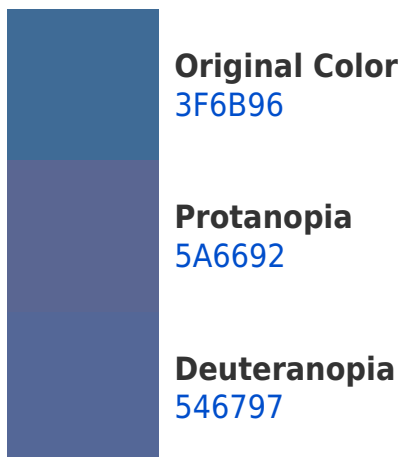


This preview shows how white text looks on a background with the Hex color 3F6B96.

# 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](#).

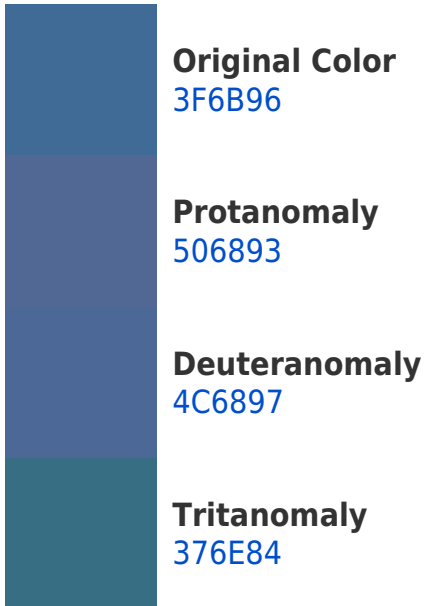
## Dichromacy





**Tritanopia**  
33707A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F6B96 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 #3F6B96 looks like.

```
.text, #text, p{  
    color:#3F6B96  
}
```

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 #3F6B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6B96
}
```

## Border

The CSS property to change the border of an element to Hex 3F6B96 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
#3F6B96 }
```

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

```
.border{ border-color:#3F6B96 }
```

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

Here you see how a box with a 4 pixel #3F6B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6B96; -webkit-box-shadow:4px 4px  
4px 4px #3F6B96; box-shadow:4px 4px 4px  
4px #3F6B96 }
```

# Background

The CSS property to change the background color of an element to Hex 3F6B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6B96 }
```

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

```
.background{ background-color:#3F6B96 }
```

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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