

# Converting Colors

Hex(3F5A91)

Have a look what the booklet for  
Hex(3F5A91) contains.

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# Color

**Hex(3F5A91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F5A91
RGB	63, 90, 145
RGB Percent	25%, 35%, 57%
CMY	0.7529, 0.6471, 0.4314
CMYK	0.57, 0.38, 0.00, 0.43
HSL	220°, 39%, 41%
HSV	220°, 57%, 57%
XYZ	10.8169, 10.4134, 28.2279
YIQ	88.1970, -33.7470, 11.3810

# Conversions

## Conversions Part 2

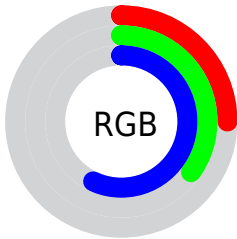
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	63, 83, 145
Decimal	4151953
CIE <sub>Lab</sub>	38.57, 7.07, -33.43
CIE <sub>LCh</sub>	39, 34.172, 281.937
Yxy	10.4134, 0.2187, 0.2105
Android (android.graphics.Color)	4282342033 (0xFF3F5A91)
YUV	88.1970, 28.0039, -22.0978
Hunter-Lab	32.2698, 3.3613, -29.2749

# Details

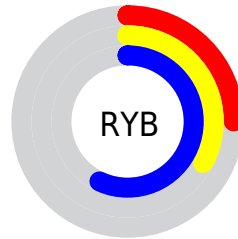
The Hex color **3F5A91** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **91763F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **758CC7**, and **002D5E** is the 20% darker color. If you saturate the color by 10%, you get **305091**, and if you desaturate by 10%, it is **4E6491**.

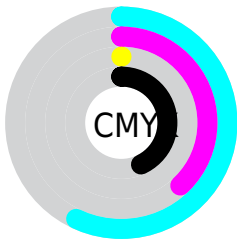
# Distribution



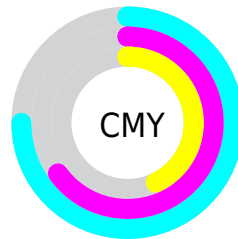
- Red (25%)
- Green (35%)
- Blue (57%)



- Red (25%)
- Yellow (33%)
- Blue (57%)



- Cyan (57%)
- Magenta (38%)
- Yellow (0%)
- Black (43%)



- Cyan (75%)
- Magenta (65%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F5A91 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 3F5A91 by changing the saturation by 10% instead.



■ 3F5A91

■ 3F5A91

FFFFFF

■ 234377

■ 758CC7

■ 002D5E

■ 90A6E3

■ 001946

■ ABC1FF

■ 00032F

■ C8DDFF

■ 00011A

■ E5F9FF

■ 000000

■ 3F5A91

■ 3F5A91

■ 305091

■ 4E6491

■ 224791

■ 5C6D91

■ 133D91

■ 6B7791

■ 053391

■ 798191

■ 003091

■ 888B91

■ 969491

■ A49E91

■ B3A891

■ C1B291

# Harmonies

## Analogous

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



00628F



3F5A91



6B4F84

# Triad

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



3F5A91



894937



116849

# Complementary

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



3F5A91



91763F

# 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.



426430



3F5A91



795325

# Square

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



3F5A91



8F4351



605D22



006965

# Rectangle

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



3F5A91



7E4875



605D22



276740



# Sweetspot

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



3F5A91



9DA7BD



3F9176



4B525E



DEDEDE



5E5E5E



# Same Dimension

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



3F5A91



3C67BD



4D3F91



404347



002D87



000308



# Inverse Universe

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



913F5A



BD3C67



83913F



474043



87002D

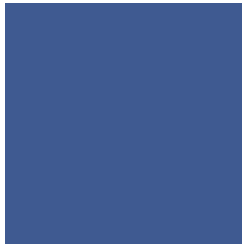


080003



# Previews

## White Background



This preview shows how the Hex color 3F5A91 looks on a white background.

## Color Contrast Check

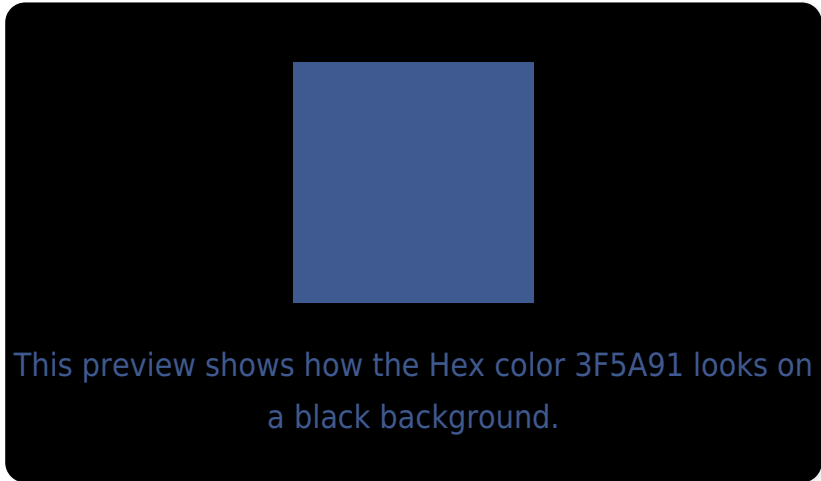
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F5A91 Background



This preview shows how black text looks on a background with the Hex color 3F5A91.



This preview shows how white text looks on a background with the Hex color 3F5A91.

# 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



**Original Color**  
3F5A91

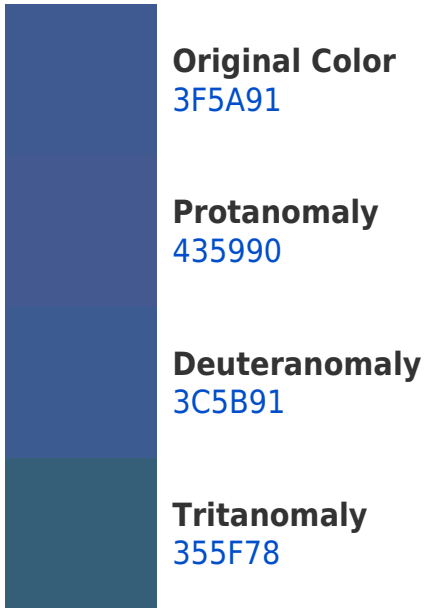
**Protanopia**  
465990

**Deuteranopia**  
3B5B91



**Tritanopia**  
30626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F5A91 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 #3F5A91 looks like.

```
.text, #text, p{  
    color:#3F5A91  
}
```

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 #3F5A91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5A91
}
```

## Border

The CSS property to change the border of an element to Hex 3F5A91 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
#3F5A91 }
```

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

```
.border{ border-color:#3F5A91 }
```

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

Here you see how a box with a 4 pixel #3F5A91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5A91; -webkit-box-shadow:4px 4px  
4px 4px #3F5A91; box-shadow:4px 4px 4px  
4px #3F5A91 }
```

# Background

The CSS property to change the background color of an element to Hex 3F5A91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5A91 }
```

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

```
.background{ background-color:#3F5A91 }
```

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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