

Converting Colors

Hex(3F6D8F)

Have a look what the booklet for
Hex(3F6D8F) contains.

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Color

Hex(3F6D8F)

Conversions

Conversions Part 1

Format	Color
Hex	3F6D8F
RGB	63, 109, 143
RGB Percent	25%, 43%, 56%
CMY	0.7529, 0.5725, 0.4392
CMYK	0.56, 0.24, 0.00, 0.44
HSL	206°, 39%, 40%
HSV	206°, 56%, 56%
XYZ	12.4765, 13.9772, 28.0269
YIQ	99.1220, -38.3300, 0.8220

Conversions

Conversions Part 2

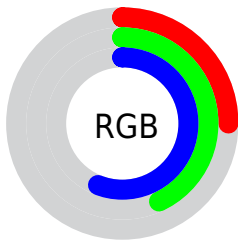
Format	Color
RYB	63, 92, 143
Decimal	4156815
CIELab	44.20, -5.37, -23.43
CIElCh	44, 24.039, 257.082
Yxy	13.9772, 0.2290, 0.2566
Android (android.graphics.Color)	4282346895 (0xFF3F6D8F)
YUV	99.1220, 21.6319, -31.6790
Hunter-Lab	37.3861, -5.8568, -18.2771

Details

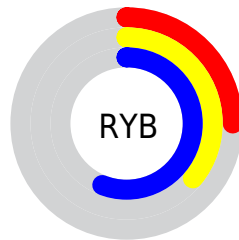
The Hex color **3F6D8F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F613F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **74A0C5**, and **003E5D** is the 20% darker color. If you saturate the color by 10%, you get **31678F**, and if you desaturate by 10%, it is **4D738F**.

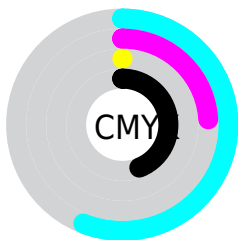
Distribution



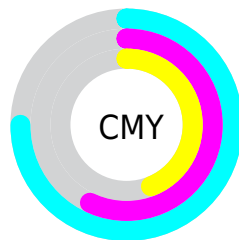
- Red (25%)
- Green (43%)
- Blue (56%)



- Red (25%)
- Yellow (36%)
- Blue (56%)



- Cyan (56%)
- Magenta (24%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6D8F 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 3F6D8F by changing the saturation by 10% instead.



3F6D8F



3F6D8F

FFFFFF



235575



74A0C5



003E5D



90BBE1



002845



ABD7FE



00142E



C8F3FF



000119



E4FFFF



000000



3F6D8F



3F6D8F



31678F



4D738F



22618F



5C798F

■ 145B8F

■ 6A7F8F

■ 06558F

■ 78858F

■ 00528F

■ 878B8F

■ 95918F

■ A3988F

■ B19E8F

■ C0A48F

Harmonies

Analogous

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



247185



3F6D8F



5F668F

Triad

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



3F6D8F



905A5E



54704D

Complementary

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



3F6D8F



8F613F

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.



6B6B42



3F6D8F



8B5E4C

Square

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



3F6D8F



8A5A72



7E6442



3C735F

Rectangle

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



3F6D8F



716288



7E6442



5C6E48

Sweetspot

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



3F6D8F



9BADBA



3F8F60



4B565E



DEDEDE



5E5E5E

Same Dimension

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



3F6D8F



3D85BA



3F468F



404447



004E87



000408

Inverse Universe

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



8F3F6D



BA3D85



8F883F



474044



87004E



080004

Previews

White Background



This preview shows how the Hex color 3F6D8F looks on a white background.

Color Contrast Check

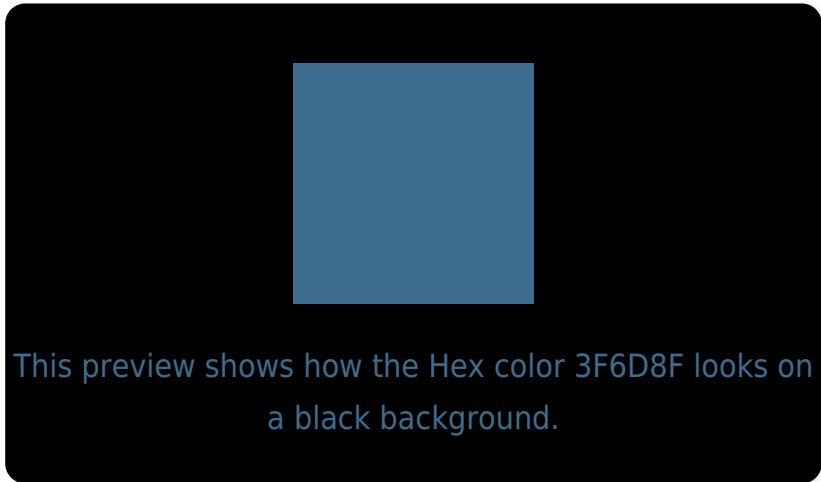
Large Text (above 18pt) WCAG AA ✓ Pass

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

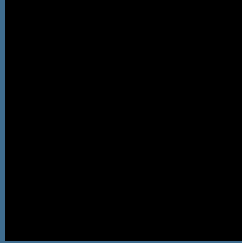
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

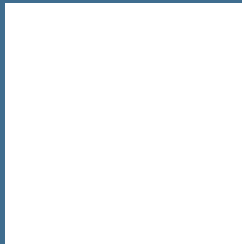
Any Text WCAG AAA × Fail

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

Hex 3F6D8F Background



This preview shows how black text looks on a background with the Hex color 3F6D8F.



This preview shows how white text looks on a background with the Hex color 3F6D8F.

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](#).

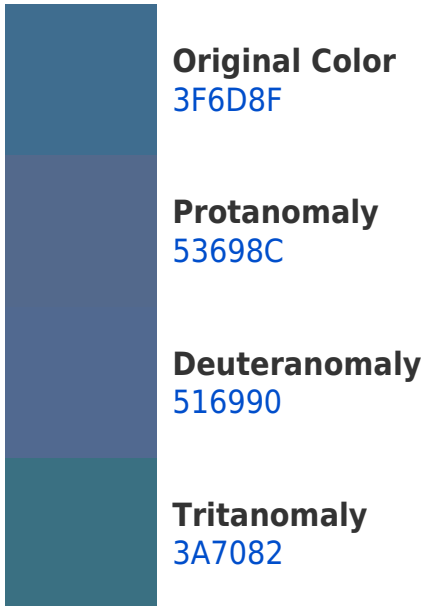
Dichromacy





Tritanopia
37717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6D8F 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 #3F6D8F looks like.

```
.text, #text, p{  
    color:#3F6D8F  
}
```

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 #3F6D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6D8F
}
```

Border

The CSS property to change the border of an element to Hex 3F6D8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

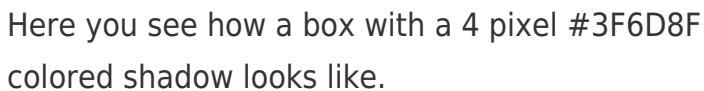
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F6D8F }
```

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

```
.border{ border-color:#3F6D8F }
```

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



Here you see how a box with a 4 pixel #3F6D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6D8F; -webkit-box-shadow:4px 4px  
4px 4px #3F6D8F; box-shadow:4px 4px 4px  
4px #3F6D8F }
```

Background

The CSS property to change the background color of an element to Hex 3F6D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6D8F }
```

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

```
.background{ background-color:#3F6D8F }
```

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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