

Converting Colors

Hex(3F6B98)

Have a look what the booklet for
Hex(3F6B98) contains.

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Color

Hex(3F6B98)

Conversions

Conversions Part 1

Format	Color
Hex	3F6B98
RGB	63, 107, 152
RGB Percent	25%, 42%, 60%
CMY	0.7529, 0.5804, 0.4039
CMYK	0.59, 0.30, 0.00, 0.40
HSL	210°, 41%, 42%
HSV	210°, 59%, 60%
XYZ	12.9751, 13.8392, 31.6931
YIQ	98.9740, -40.6690, 4.6670

Conversions

Conversions Part 2

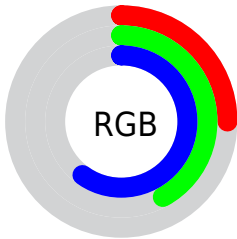
Format	Color
R_{YB}	63, 92, 152
Decimal	4156312
CIE _{Lab}	44.00, -1.18, -29.09
CIE _{LCh}	44, 29.119, 267.686
Yxy	13.8392, 0.2218, 0.2365
Android (android.graphics.Color)	4282346392 (0xFF3F6B98)
YUV	98.9740, 26.1418, -31.5492
Hunter-Lab	37.2010, -2.8439, -24.4710

Details

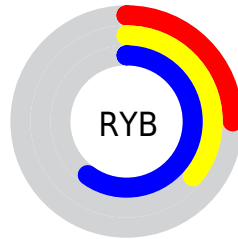
The Hex color **3F6B98** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **986C3F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **769ECF**, and **003C65** is the 20% darker color. If you saturate the color by 10%, you get **306398**, and if you desaturate by 10%, it is **4E7398**.

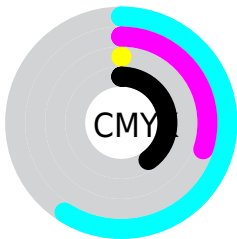
Distribution



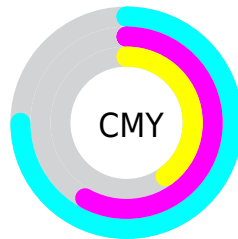
- Red (25%)
- Green (42%)
- Blue (60%)



- Red (25%)
- Yellow (36%)
- Blue (60%)



- Cyan (59%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (75%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F6B98 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 3F6B98 by changing the saturation by 10% instead.



3F6B98



3F6B98

FFFFFF



21537E



769ECF



003C65



91B9EB



00274D



ADD5FF



001236



C9F1FF



000220



E6FFFF



000004



000000



3F6B98



3F6B98



306398



4E7398

■ 215C98

■ 5D7A98

■ 115498

■ 6D8298

■ 024C98

■ 7C8A98

■ 004B98

■ 8B9198

■ 9A9998

■ A9A198

■ B9A898

■ C8B098

Harmonies

Analogous

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



007190



3F6B98



686293

Triad

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



3F6B98



965753



44724D

Complementary

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



3F6B98



986C3F

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.



616D3C



3F6B98



8C5D40

Square

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



3F6B98



94556B



796637



1E7565

Rectangle

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



3F6B98



7C5C89



796637



4E7147

Sweetspot

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



3F6B98



A1B2C4



3F986C



4E5863



E3E3E3



636363

Same Dimension

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



3F6B98



3B7FC4



3F3F98



45494D



00458C



00060D

Inverse Universe

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



983F6B



C43B7F



98983F



4D4549



8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 3F6B98 looks on a white background.

Color Contrast Check

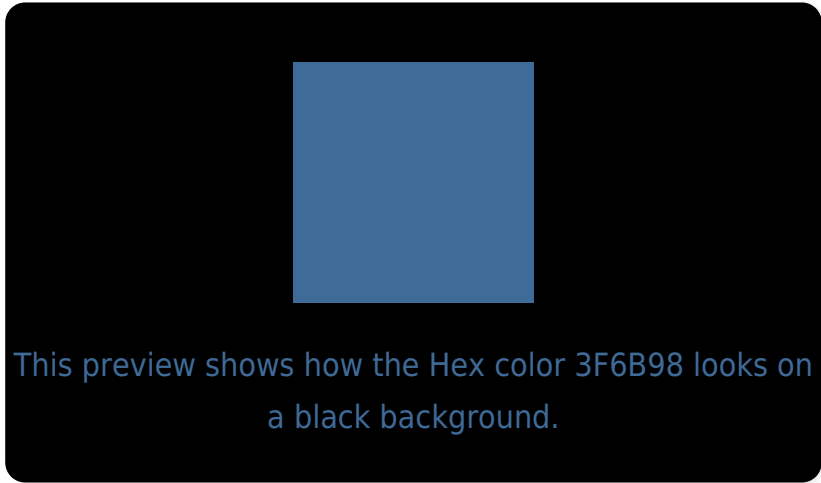
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F6B98 Background



This preview shows how black text looks on a background with the Hex color 3F6B98.



This preview shows how white text looks on a background with the Hex color 3F6B98.

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
32717A

Trichromacy



Original Color
3F6B98

Protanomaly
506895

Deuteranomaly
4B6899

Tritanomaly
376F85

Monochromacy



Original Color
3F6B98

Achromatopsia
636363

Achromatomaly
566676

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F6B98 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 #3F6B98 looks like.

```
.text, #text, p{  
    color:#3F6B98  
}
```

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 #3F6B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F6B98
}
```

Border

The CSS property to change the border of an element to Hex 3F6B98 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
#3F6B98 }
```

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

```
.border{ border-color:#3F6B98 }
```

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

Here you see how a box with a 4 pixel #3F6B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F6B98; -webkit-box-shadow:4px 4px  
4px 4px #3F6B98; box-shadow:4px 4px 4px  
4px #3F6B98 }
```

Background

The CSS property to change the background color of an element to Hex 3F6B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F6B98 }
```

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

```
.background{ background-color:#3F6B98 }
```

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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