

Converting Colors

Hex(3F398F)

Have a look what the booklet for
Hex(3F398F) contains.

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Color

Hex(3F398F)

Conversions

Conversions Part 1

Format	Color
Hex	3F398F
RGB	63, 57, 143
RGB Percent	25%, 22%, 56%
CMY	0.7529, 0.7765, 0.4392
CMYK	0.56, 0.60, 0.00, 0.44
HSL	244°, 43%, 39%
HSV	244°, 60%, 56%
XYZ	8.4710, 5.9662, 26.6917
YIQ	68.5980, -24.0300, 28.0180

Conversions

Conversions Part 2

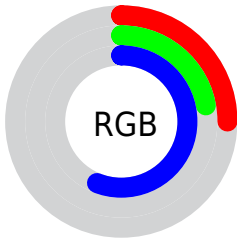
Format	Color
RYB	63, 57, 143
Decimal	4143503
CIELab	29.33, 27.97, -47.02
CIElCh	29, 54.708, 300.742
Yxy	5.9662, 0.2060, 0.1451
Android (android.graphics.Color)	4282333583 (0xFF3F398F)
YUV	68.5980, 36.6802, -4.9094
Hunter-Lab	24.4258, 19.1594, -47.6922

Details

The Hex color **3F398F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **898F39**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7668C6**, and **000F5C** is the 20% darker color. If you saturate the color by 10%, you get **322B8F**, and if you desaturate by 10%, it is **4C478F**.

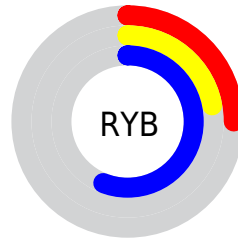
Distribution



Red (25%)

Green (22%)

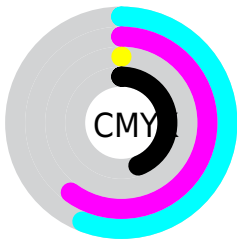
Blue (56%)



Red (25%)

Yellow (22%)

Blue (56%)

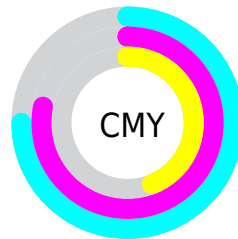


Cyan (56%)

Magenta (60%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (78%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F398F 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 3F398F by changing the saturation by 10% instead.

■ 3F398F

■ 3F398F

FFFFFF

■ 212375

■ 7668C6

■ 000F5C

■ 9182E2

■ 000044

■ AD9CFF

■ 00032C

■ CAB7FF

■ 000117

■ E7D2FF

■ 000000

■ FFEFFF

■ 3F398F

■ 3F398F

■ 322B8F

■ 4C478F

■ 241C8F

■ 5A568F

■ 170E8F

■ 67648F

■ 0A008F

■ 74728F

■ 82818F

■ 8F8F8F

■ 9C9D8F

■ A9AB8F

■ B7BA8F

Harmonies

Analogous

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



004B9B



3F398F



771D6F

Triad

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



3F398F



753100



005645

Complementary

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



3F398F



898F39

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.



005417



3F398F



554400

Square

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



3F398F



89151D



2A4F00



005770

Rectangle

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



3F398F



880554



2A4F00



005636

Sweetspot

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



3F398F



9B99BA



39898F



4B4A5E



DEDEDE



5E5E5E

Same Dimension

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



3F398F



3D34BA



6A398F



414047



090087



010008

Inverse Universe

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



8F3989



BA34B1



5E8F39



474047



87007E



080007

Previews

White Background



This preview shows how the Hex color 3F398F looks on a white background.

Color Contrast Check

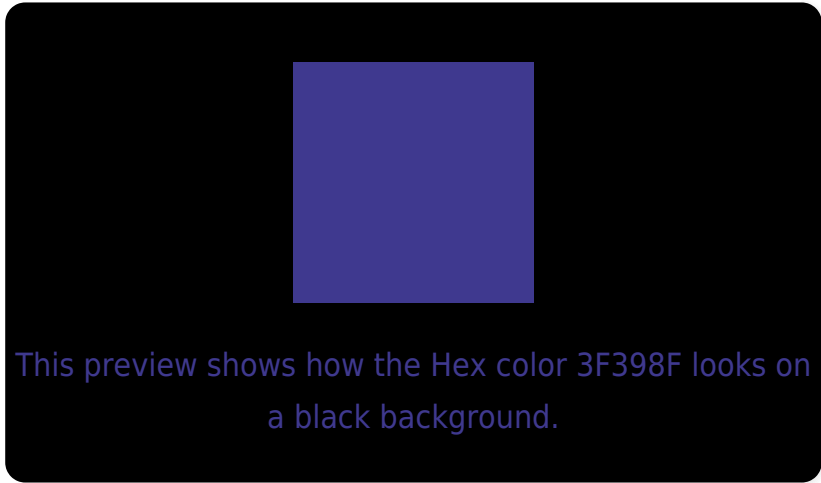
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

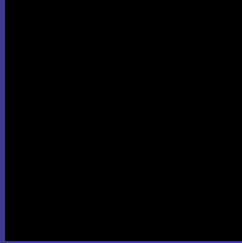
Any Text WCAG AA × Fail

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 3F398F Background



This preview shows how black text looks on a background with the Hex color 3F398F.

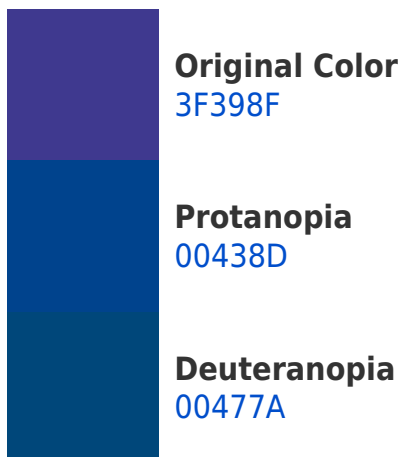


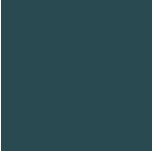
This preview shows how white text looks on a background with the Hex color 3F398F.

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
284A50

Trichromacy



Original Color
3F398F

Protanomaly
173F8E

Deuteranomaly
174282

Tritanomaly
304467

Monochromacy



Original Color
3F398F

Achromatopsia
454545

Achromatomaly
434160

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F398F 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 #3F398F looks like.

```
.text, #text, p{  
    color:#3F398F  
}
```

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 #3F398F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F398F
}
```

Border

The CSS property to change the border of an element to Hex 3F398F 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
#3F398F }
```

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

```
.border{ border-color:#3F398F }
```

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

Here you see how a box with a 4 pixel #3F398F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F398F; -webkit-box-shadow:4px 4px  
4px 4px #3F398F; box-shadow:4px 4px 4px  
4px #3F398F }
```

Background

The CSS property to change the background color of an element to Hex 3F398F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F398F }
```

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

```
.background{ background-color:#3F398F }
```

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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