

Converting Colors

Hex(3F5080)

Have a look what the booklet for
Hex(3F5080) contains.

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Color

Hex(3F5080)

Conversions

Conversions Part 1

Format	Color
Hex	3F5080
RGB	63, 80, 128
RGB Percent	25%, 31%, 50%
CMY	0.7529, 0.6863, 0.4980
CMYK	0.51, 0.38, 0.00, 0.50
HSL	224°, 34%, 37%
HSV	224°, 51%, 50%
XYZ	8.8148, 8.3526, 21.5697
YIQ	80.3890, -25.5400, 11.3240

Conversions

Conversions Part 2

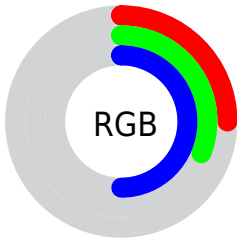
Format	Color
RYB	63, 76, 128
Decimal	4149376
CIELab	34.71, 7.76, -29.16
CIElCh	35, 30.178, 284.900
Yxy	8.3526, 0.2276, 0.2156
Android (android.graphics.Color)	4282339456 (0xFF3F5080)
YUV	80.3890, 23.4722, -15.2502
Hunter-Lab	28.9009, 3.8665, -24.0195

Details

The Hex color **3F5080** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **806F3F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7381B5**, and **06244E** is the 20% darker color. If you saturate the color by 10%, you get **324780**, and if you desaturate by 10%, it is **4C5980**.

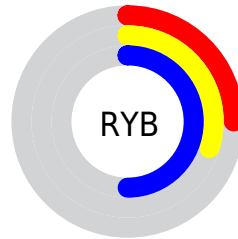
Distribution



Red (25%)

Green (31%)

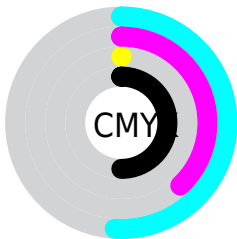
Blue (50%)



Red (25%)

Yellow (30%)

Blue (50%)

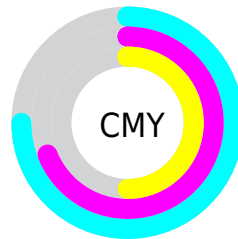


Cyan (51%)

Magenta (38%)

Yellow (0%)

Black (50%)



Cyan (75%)

Magenta (69%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5080 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 3F5080 by changing the saturation by 10% instead.

■ 3F5080

■ 3F5080

FFFFFF

■ 253967

■ 7381B5

■ 06244E

■ 8D9BD1

■ 000F37

■ A8B6ED

■ 000221

■ C4D1FF

■ 000007

■ E1EDFF

■ 000000

FEFFFF

■ 3F5080

■ 3F5080

■ 324780

■ 4C5980

■ 253D80

■ 596380

■ 193480

■ 656C80

■ 0C2A80

■ 727680

■ 002180

■ 7F7F80

■ 8C8980

■ 999280

■ A59C80

■ B2A580

Harmonies

Analogous

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



005880



3F5080



634774

Triad

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



3F5080



794331



0F5D44

Complementary

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



3F5080



806F3F

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.



395A2E



3F5080



6A4C22

Square

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



3F5080



7F3E47



545421



005E5D

Rectangle

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



3F5080



724166



545421



225C3C

Sweetspot

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



3F5080



8D93A6



3F806F



454954



D4D4D4



545454

Same Dimension

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



3F5080



415BA6



4E3F80



393B40



002180



000000

Inverse Universe

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



803F50



A6415B



71803F



40393B



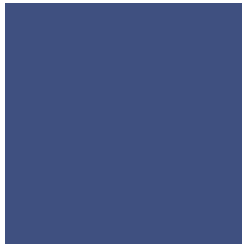
800021



000000

Previews

White Background



This preview shows how the Hex color 3F5080 looks on a white background.

Color Contrast Check

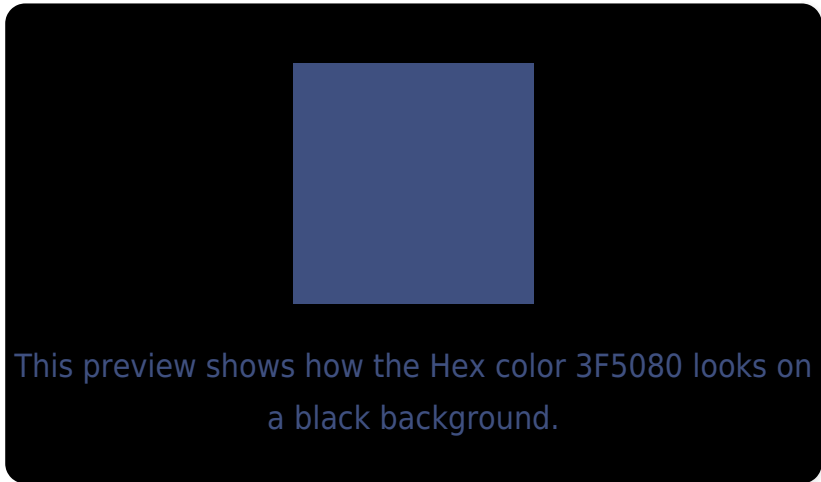
Large Text (above 18pt) WCAG AA ✓ Pass

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

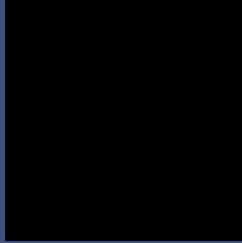
Any Text WCAG AA × Fail

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 3F5080 Background



This preview shows how black text looks on a background with the Hex color 3F5080.



This preview shows how white text looks on a background with the Hex color 3F5080.

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
3F5080

Protanopia
405080

Deuteranopia
395180



Tritanopia
34575E

Trichromacy



Original Color
3F5080

Protanomaly
405080

Deuteranomaly
3B5180

Tritanomaly
38546A

Monochromacy



Original Color
3F5080

Achromatopsia
505050

Achromatomaly
4A5061

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5080 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 #3F5080 looks like.

```
.text, #text, p{  
    color:#3F5080  
}
```

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 #3F5080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5080
}
```

Border

The CSS property to change the border of an element to Hex 3F5080 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
#3F5080 }
```

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

```
.border{ border-color:#3F5080 }
```

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

Here you see how a box with a 4 pixel #3F5080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5080; -webkit-box-shadow:4px 4px  
4px 4px #3F5080; box-shadow:4px 4px 4px  
4px #3F5080 }
```

Background

The CSS property to change the background color of an element to Hex 3F5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5080 }
```

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

```
.background{ background-color:#3F5080 }
```

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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