

# Converting Colors

Hex(3F507B)

Have a look what the booklet for  
Hex(3F507B) contains.

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# Color

**Hex(3F507B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F507B
RGB	63, 80, 123
RGB Percent	25%, 31%, 48%
CMY	0.7529, 0.6863, 0.5176
CMYK	0.49, 0.35, 0.00, 0.52
HSL	223°, 32%, 36%
HSV	223°, 49%, 48%
XYZ	8.4937, 8.2241, 19.8786
YIQ	79.8190, -23.9350, 9.7690

# Conversions

## Conversions Part 2

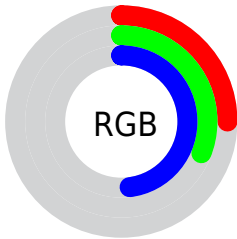
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 76, 123
Decimal	4149371
CIELab	34.45, 6.10, -26.48
CIElCh	34, 27.178, 282.978
Yxy	8.2241, 0.2321, 0.2247
Android (android.graphics.Color)	4282339451 (0xFF3F507B)
YUV	79.8190, 21.2882, -14.7503
Hunter-Lab	28.6778, 2.6816, -21.0238

# Details

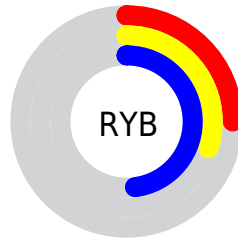
The Hex color **3F507B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7B6A3F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7281B0**, and **09244A** is the 20% darker color. If you saturate the color by 10%, you get **33477B**, and if you desaturate by 10%, it is **4B597B**.

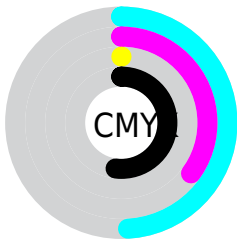
# Distribution



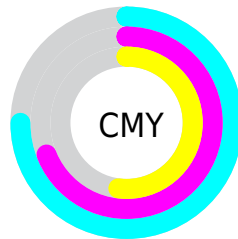
- Red (25%)
- Green (31%)
- Blue (48%)



- Red (25%)
- Yellow (30%)
- Blue (48%)



- Cyan (49%)
- Magenta (35%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (69%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F507B 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 3F507B by changing the saturation by 10% instead.



■ 3F507B

■ 3F507B

FFFFFF

■ 263962

■ 7281B0

■ 09244A

■ 8C9BCB

■ 000F33

■ A8B6E7

■ 00021E

■ C3D1FF

■ 000000

■ E0EDFF

FDFFFF

■ 3F507B

■ 3F507B

■ 33477B

■ 4B597B

■ 263E7B

■ 58627B

■ 1A367B

■ 646A7B

■ 0E2D7B

■ 70737B

■ 02247B

■ 7D7C7B

■ 00237B

■ 89857B

■ 958E7B

■ A1977B

■ AE9F7B

# Harmonies

## Analogous

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



07577A



3F507B



5F4871

# Triad

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



3F507B



764435



1E5B44

# Complementary

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



3F507B



7B6A3F

# 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.



3D5830



3F507B



694B27

# Square

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



3F507B



7A3F48



555326



005C5A

# Rectangle

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



3F507B



6E4365



555326



2A5B3D



# Sweetspot

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



3F507B



898FA1



3F7B6A



434752



D1D1D1



525252



# Same Dimension

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



3F507B



425DA1



4C3F7B



37393D



00237D



0048FC



# Inverse Universe

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



7B3F50



A1425D



6E7B3F



3D3739



7D0023



FC0048



# Previews

## White Background



This preview shows how the Hex color 3F507B looks on a white background.

## Color Contrast Check

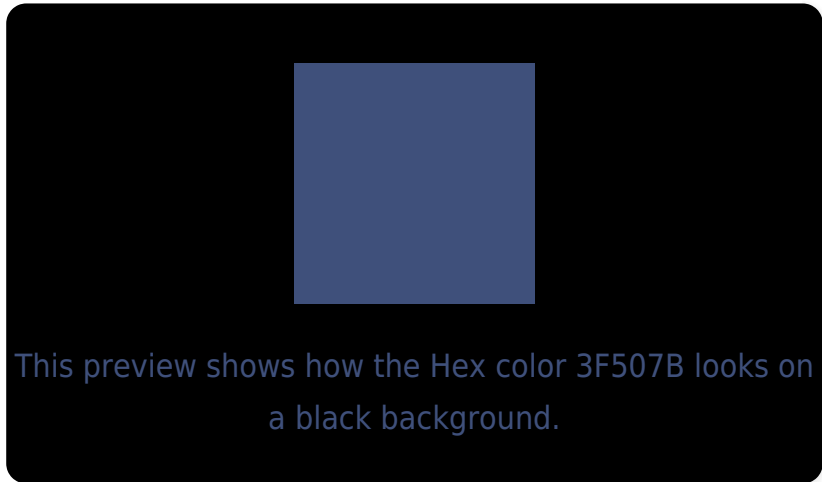
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F507B Background



This preview shows how black text looks on a background with the Hex color 3F507B.



This preview shows how white text looks on a background with the Hex color 3F507B.

# 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**  
3F507B

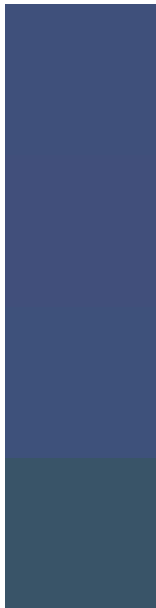
**Protanopia**  
424F7B

**Deuteranopia**  
3D517B



**Tritanopia**  
36565D

# Trichromacy



**Original Color**  
3F507B

**Protanomaly**  
414F7B

**Deuteranomaly**  
3E517B

**Tritanomaly**  
395468

# Monochromacy



**Original Color**  
3F507B

**Achromatopsia**  
505050

**Achromatomaly**  
4A5060

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F507B 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 #3F507B looks like.

```
.text, #text, p{  
    color:#3F507B  
}
```

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 #3F507B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F507B
}
```

## Border

The CSS property to change the border of an element to Hex 3F507B 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
#3F507B }
```

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

```
.border{ border-color:#3F507B }
```

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

Here you see how a box with a 4 pixel #3F507B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F507B; -webkit-box-shadow:4px 4px  
4px 4px #3F507B; box-shadow:4px 4px 4px  
4px #3F507B }
```

# Background

The CSS property to change the background color of an element to Hex 3F507B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F507B }
```

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

```
.background{ background-color:#3F507B }
```

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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