

# Converting Colors

Hex(3F2E7B)

Have a look what the booklet for  
Hex(3F2E7B) contains.

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# Color

**Hex(3F2E7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F2E7B
RGB	63, 46, 123
RGB Percent	25%, 18%, 48%
CMY	0.7529, 0.8196, 0.5176
CMYK	0.49, 0.63, 0.00, 0.52
HSL	253°, 46%, 33%
HSV	253°, 63%, 48%
XYZ	6.6020, 4.4408, 19.2481
YIQ	59.8610, -14.5850, 27.5510

# Conversions

## Conversions Part 2

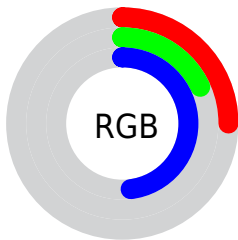
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 46, 123
Decimal	4140667
CIELab	25.08, 28.47, -41.42
CIELCh	25, 50.264, 304.504
Yxy	4.4408, 0.2180, 0.1466
Android (android.graphics.Color)	4282330747 (0xFF3F2E7B)
YUV	59.8610, 31.1275, 2.7529
Hunter-Lab	21.0732, 19.0442, -39.4036

# Details

The Hex color **3F2E7B** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6A7B2E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **745DB0**, and **040249** is the 20% darker color. If you saturate the color by 10%, you get **35227B**, and if you desaturate by 10%, it is **493A7B**.

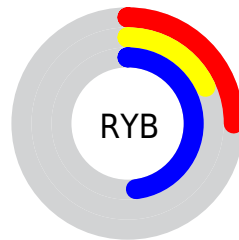
# Distribution



Red (25%)

Green (18%)

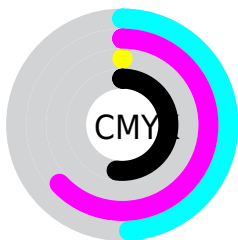
Blue (48%)



Red (25%)

Yellow (18%)

Blue (48%)

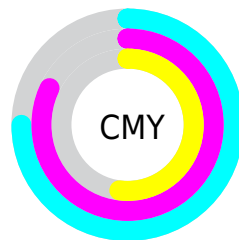


Cyan (49%)

Magenta (63%)

Yellow (0%)

Black (52%)



Cyan (75%)

Magenta (82%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F2E7B 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 3F2E7B by changing the saturation by 10% instead.





3F2E7B



3F2E7B

FFFFFF



241862



745DB0



040249



8E76CC



000032



AA8FE8



00021C



C6AAFF



000000



E3C5FF



FFE2FF



FFFEFF



3F2E7B



3F2E7B

■ 35227B

■ 493A7B

■ 2C157B

■ 52477B

■ 22097B

■ 5C537B

■ 1B007B

■ 655F7B

■ 6F6B7B

■ 79787B

■ 82847B

■ 8C907B

■ 959D7B

# Harmonies

## Analogous

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



003F88



3F2E7B



6C135D

# Triad

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



3F2E7B



632C00



004B40

# Complementary

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



3F2E7B



6A7B2E

# 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.



004918



3F2E7B



453C00

# Square

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



3F2E7B



771413



1C4500



004B66

# Rectangle

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



3F2E7B



790044



1C4500



004B33



# Sweetspot

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



3F2E7B



8982A1



2E6A7B



433F52



D1D1D1



525252



# Same Dimension

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



3F2E7B



4328A1



652E7B



38373D



1C007D



3800FC



# Inverse Universe

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



7B2E6A



A12886



447B2E



3D373C



7D0061



FC00C5



# Previews

## White Background



This preview shows how the Hex color 3F2E7B 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

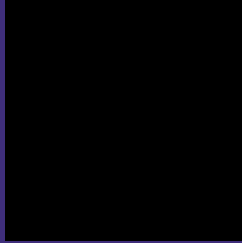
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F2E7B Background



This preview shows how black text looks on a background with the Hex color 3F2E7B.

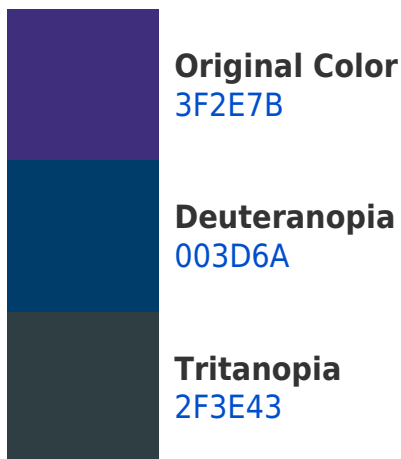


This preview shows how white text looks on a background with the Hex color 3F2E7B.

# 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



# Trichromacy



**Original Color**  
3F2E7B

**Deuteranomaly**  
173870

**Tritanomaly**  
353857

# Monochromacy



**Original Color**  
3F2E7B

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3D3753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F2E7B 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 #3F2E7B looks like.

```
.text, #text, p{  
    color:#3F2E7B  
}
```

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 #3F2E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2E7B
}
```

## Border

The CSS property to change the border of an element to Hex 3F2E7B 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
#3F2E7B }
```

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

```
.border{ border-color:#3F2E7B }
```

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

Here you see how a box with a 4 pixel #3F2E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2E7B; -webkit-box-shadow:4px 4px  
4px 4px #3F2E7B; box-shadow:4px 4px 4px  
4px #3F2E7B }
```

# Background

The CSS property to change the background color of an element to Hex 3F2E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2E7B }
```

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

```
.background{ background-color:#3F2E7B }
```

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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