

Converting Colors

Hex(3F2C6E)

Have a look what the booklet for
Hex(3F2C6E) contains.

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Color

Hex(3F2C6E)

Conversions

Conversions Part 1

Format	Color
Hex	3F2C6E
RGB	63, 44, 110
RGB Percent	25%, 17%, 43%
CMY	0.7529, 0.8275, 0.5686
CMYK	0.43, 0.60, 0.00, 0.57
HSL	257°, 43%, 30%
HSV	257°, 60%, 43%
XYZ	5.7651, 3.9839, 15.2170
YIQ	57.2050, -9.8620, 24.5540

Conversions

Conversions Part 2

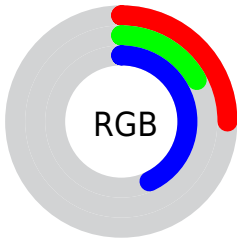
Format	Color
RYB	63, 44, 110
Decimal	4140142
CIELab	23.62, 25.68, -35.48
CIELCh	24, 43.803, 305.900
Yxy	3.9839, 0.2309, 0.1596
Android (android.graphics.Color)	4282330222 (0xFF3F2C6E)
YUV	57.2050, 26.0279, 5.0822
Hunter-Lab	19.9597, 16.6273, -31.2299

Details

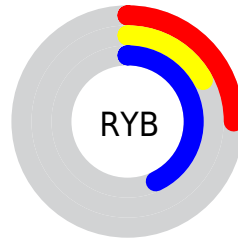
The Hex color **3F2C6E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B6E2C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **725AA2**, and **0E003E** is the 20% darker color. If you saturate the color by 10%, you get **37216E**, and if you desaturate by 10%, it is **47376E**.

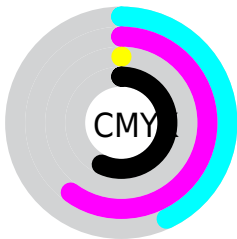
Distribution



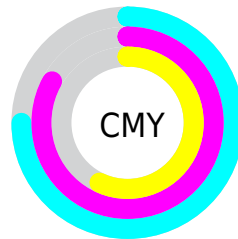
- Red (25%)
- Green (17%)
- Blue (43%)



- Red (25%)
- Yellow (17%)
- Blue (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (0%)
- Black (57%)



- Cyan (75%)
- Magenta (83%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F2C6E 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 3F2C6E by changing the saturation by 10% instead.



3F2C6E



3F2C6E

FFFFFF



261755



725AA2



0E003E



8D73BD



000327



A88DD9



000110



C3A7F6



000000



E0C3FF



FDDFFF



FFFBFF



3F2C6E



3F2C6E

■ 37216E

■ 47376E

■ 2F166E

■ 4F426E

■ 280B6E

■ 574D6E

■ 20006E

■ 5E586E

■ 66636E

■ 6E6E6E

■ 76796E

■ 7E846E

■ 858F6E

Harmonies

Analogous

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



003A7A



3F2C6E



631854

Triad

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



3F2C6E



5B2C00



00463E

Complementary

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



3F2C6E



5B6E2C

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.



00451B



3F2C6E



403900

Square

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



3F2C6E



6C1A13



1D4100



00465E

Rectangle

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



3F2C6E



6E0D3E



1D4100



004633

Sweetspot

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



3F2C6E



7C758F



2C5B6E



3C3847



C7C7C7



474747

Same Dimension

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



3F2C6E



46288F



602C6E



343238



230078



4700F7

Inverse Universe

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



6E2C5B



8F2871



3A6E2C



383236



780055



F700B0

Previews

White Background



This preview shows how the Hex color 3F2C6E 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

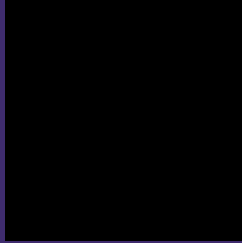
Any Text WCAG AA × Fail

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 3F2C6E Background



This preview shows how black text looks on a background with the Hex color 3F2C6E.



This preview shows how white text looks on a background with the Hex color 3F2C6E.

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](#).

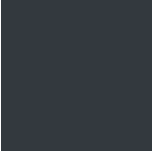
Dichromacy



Original Color
3F2C6E

Protanopia
003674

Deuteranopia
003A65



Tritanopia
33393E

Trichromacy



Original Color
3F2C6E

Protanomaly
173272

Deuteranomaly
173568

Tritanomaly
37344F

Monochromacy



Original Color
3F2C6E

Achromatopsia
393939

Achromatomaly
3B344C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F2C6E 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 #3F2C6E looks like.

```
.text, #text, p{  
    color:#3F2C6E  
}
```

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 #3F2C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2C6E
}
```

Border

The CSS property to change the border of an element to Hex 3F2C6E 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".

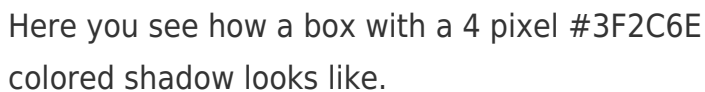
```
.border, #border, table{ border:4px solid
#3F2C6E }
```

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

```
.border{ border-color:#3F2C6E }
```

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

Here you see how a box with a 4 pixel #3F2C6E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2C6E; -webkit-box-shadow:4px 4px  
4px 4px #3F2C6E; box-shadow:4px 4px 4px  
4px #3F2C6E }
```

Background

The CSS property to change the background color of an element to Hex 3F2C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2C6E }
```

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

```
.background{ background-color:#3F2C6E }
```

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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