

Converting Colors

Hex(3F4272)

Have a look what the booklet for
Hex(3F4272) contains.

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Color

Hex(3F4272)

Conversions

Conversions Part 1

Format	Color
Hex	3F4272
RGB	63, 66, 114
RGB Percent	25%, 26%, 45%
CMY	0.7529, 0.7412, 0.5529
CMYK	0.45, 0.42, 0.00, 0.55
HSL	236°, 29%, 35%
HSV	236°, 45%, 45%
XYZ	7.0354, 6.1681, 16.7393
YIQ	70.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

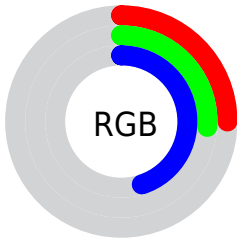
Format	Color
R_{YB}	63, 66, 114
Decimal	4145778
CIE _{Lab}	29.83, 12.38, -28.12
CIE _{LCh}	30, 30.724, 293.764
Yxy	6.1681, 0.2350, 0.2060
Android (android.graphics.Color)	4282335858 (0xFF3F4272)
YUV	70.5750, 21.4085, -6.6433
Hunter-Lab	24.8357, 7.1026, -22.5768

Details

The Hex color **3F4272** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **726F3F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7172A6**, and **0C1842** is the 20% darker color. If you saturate the color by 10%, you get **343772**, and if you desaturate by 10%, it is **4A4D72**.

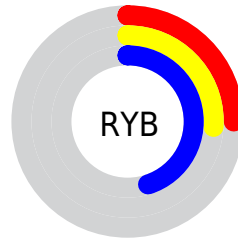
Distribution



Red (25%)

Green (26%)

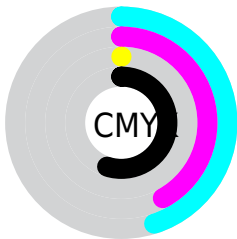
Blue (45%)



Red (25%)

Yellow (26%)

Blue (45%)

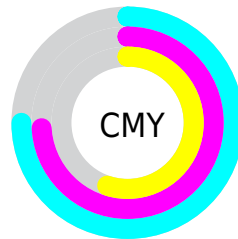


Cyan (45%)

Magenta (42%)

Yellow (0%)

Black (55%)



Cyan (75%)

Magenta (74%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4272 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 3F4272 by changing the saturation by 10% instead.



3F4272



3F4272

FFFFFF



262C59



7172A6



0C1842



8C8BC1



00002B



A7A6DE



000116



C2C1FA



000000



DEDDFF



FBF9FF



3F4272



3F4272



343772



4A4D72

■ 282D72

■ 565772

■ 1D2272

■ 616272

■ 111772

■ 6D6D72

■ 060C72

■ 787872

■ 000772

■ 838272

■ 8F8D72

■ 9A9872

■ A6A372

Harmonies

Analogous

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



004A76



3F4272



5F3863

Triad

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



3F4272



693A20



005240

Complementary

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



3F4272



726F3F

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.



234F29



3F4272



584314

Square

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



3F4272



723334



414B18



005259

Rectangle

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



3F4272



6B3354



414B18



005138

Sweetspot

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



3F4272



818294



3F726F



3E3F4A



C9C9C9



4A4A4A

Same Dimension

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



3F4272



444994



553F72



323338



000778



000FF7

Inverse Universe

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



723F42



944449



5C723F



383233



780007



F7000F

Previews

White Background



This preview shows how the Hex color 3F4272 looks on a white background.

Color Contrast Check

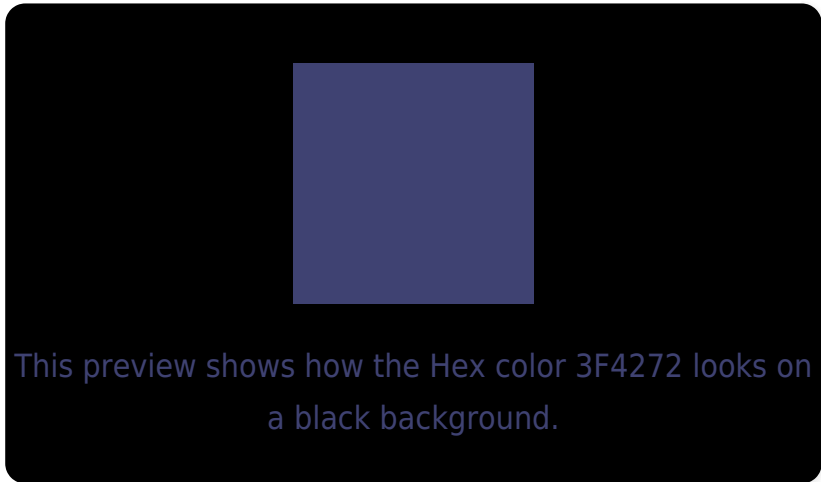
Large Text (above 18pt) WCAG AA ✓ Pass

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

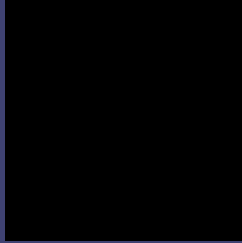
Any Text WCAG AA × Fail

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 3F4272 Background



This preview shows how black text looks on a background with the Hex color 3F4272.



This preview shows how white text looks on a background with the Hex color 3F4272.

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

3F4272

Protanopia

334574

Deuteranopia

2D4671



Tritanopia
364A4F

Trichromacy



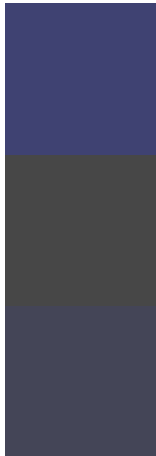
Original Color
3F4272

Protanomaly
374473

Deuteranomaly
344571

Tritanomaly
39475C

Monochromacy



Original Color
3F4272

Achromatopsia
474747

Achromatomaly
444557

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4272 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 #3F4272 looks like.

```
.text, #text, p{  
    color:#3F4272  
}
```

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 #3F4272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4272
}
```

Border

The CSS property to change the border of an element to Hex 3F4272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

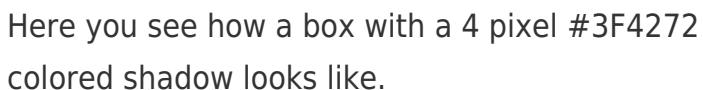
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4272 }
```

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

```
.border{ border-color:#3F4272 }
```

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



Here you see how a box with a 4 pixel #3F4272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4272; -webkit-box-shadow:4px 4px  
4px 4px #3F4272; box-shadow:4px 4px 4px  
4px #3F4272 }
```

Background

The CSS property to change the background color of an element to Hex 3F4272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4272 }
```

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

```
.background{ background-color:#3F4272 }
```

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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