

Converting Colors

Hex(3F4277)

Have a look what the booklet for
Hex(3F4277) contains.

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Color

Hex(3F4277)

Conversions

Conversions Part 1

Format	Color
Hex	3F4277
RGB	63, 66, 119
RGB Percent	25%, 26%, 47%
CMY	0.7529, 0.7412, 0.5333
CMYK	0.47, 0.45, 0.00, 0.53
HSL	237°, 31%, 36%
HSV	237°, 47%, 47%
XYZ	7.3279, 6.2851, 18.2797
YIQ	71.1450, -18.8010, 15.8470

Conversions

Conversions Part 2

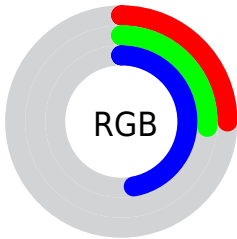
Format	Color
R_{YB}	63, 66, 119
Decimal	4145783
CIE _{Lab}	30.12, 14.01, -30.81
CIE _{LCh}	30, 33.849, 294.450
Yxy	6.2851, 0.2298, 0.1971
Android (android.graphics.Color)	4282335863 (0xFF3F4277)
YUV	71.1450, 23.5925, -7.1432
Hunter-Lab	25.0701, 8.3021, -25.6818

Details

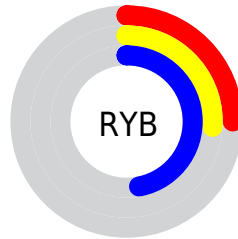
The Hex color **3F4277** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **77743F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7272AC**, and **091846** is the 20% darker color. If you saturate the color by 10%, you get **333777**, and if you desaturate by 10%, it is **4B4D77**.

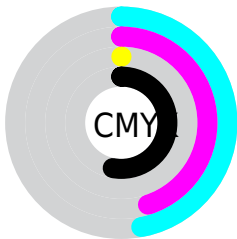
Distribution



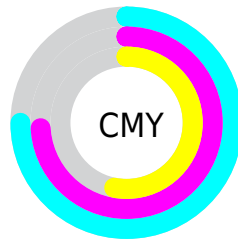
- Red (25%)
- Green (26%)
- Blue (47%)



- Red (25%)
- Yellow (26%)
- Blue (47%)



- Cyan (47%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (75%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4277 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 3F4277 by changing the saturation by 10% instead.

■ 3F4277

■ 3F4277

FFFFFF

■ 262C5E

■ 7272AC

■ 091846

■ 8C8BC7

■ 000030

■ A7A6E3

■ 00011A

■ C3C1FF

■ 000000

■ E0DDFF

■ FCF9FF

■ 3F4277

■ 3F4277

■ 333777

■ 4B4D77

■ 272B77

■ 575977

■ 1B2077

■ 636477

■ 0F1577

■ 6F6F77

■ 040A77

■ 7B7A77

■ 000677

■ 868677

■ 929177

■ 9E9C77

■ AAA777

Harmonies

Analogous

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



004B7B



3F4277



623766

Triad

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



3F4277



6C3A1C



005341

Complementary

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



3F4277



77743F

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.



1D5127



3F4277



59440E

Square

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



3F4277



763133



404C13



00545C

Rectangle

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



3F4277



703156



404C13



005338

Sweetspot

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



3F4277



86879C



3F7773



42424F



CFCFCF



4F4F4F

Same Dimension

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



3F4277



44499C



573F77



35353B



00077A



000DFA

Inverse Universe

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



773F42



9C4449



5F773F



3B3535



7A0007



FA000D

Previews

White Background



This preview shows how the Hex color 3F4277 looks on a white background.

Color Contrast Check

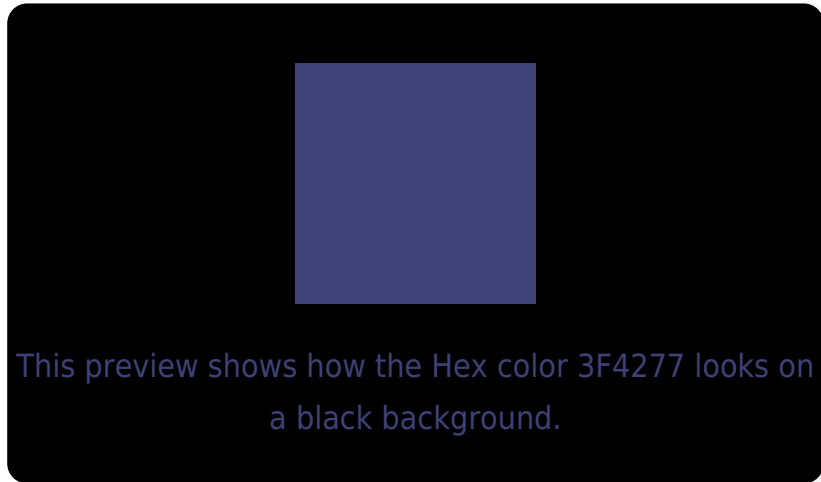
Large Text (above 18pt) WCAG AA ✓ Pass

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

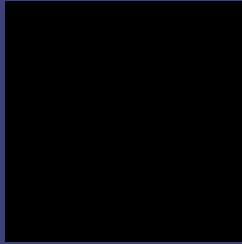
Any Text WCAG AA × Fail

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 3F4277 Background



This preview shows how black text looks on a background with the Hex color 3F4277.



This preview shows how white text looks on a background with the Hex color 3F4277.

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

3F4277

Protanopia

30457A

Deuteranopia

284776



Tritanopia
344B51

Trichromacy



Original Color
3F4277

Protanomaly
354479

Deuteranomaly
304576

Tritanomaly
38485F

Monochromacy



Original Color
3F4277

Achromatopsia
474747

Achromatomaly
444558

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4277 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 #3F4277 looks like.

```
.text, #text, p{  
    color:#3F4277  
}
```

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 #3F4277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4277  
}
```

Border

The CSS property to change the border of an element to Hex 3F4277 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  
#3F4277 }
```

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

```
.border{ border-color:#3F4277 }
```

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

Here you see how a box with a 4 pixel #3F4277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4277; -webkit-box-shadow:4px 4px  
4px 4px #3F4277; box-shadow:4px 4px 4px  
4px #3F4277 }
```

Background

The CSS property to change the background color of an element to Hex 3F4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4277 }
```

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

```
.background{ background-color:#3F4277 }
```

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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