

Converting Colors

Hex(3F0470)

Have a look what the booklet for
Hex(3F0470) contains.

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Color

Hex(3F0470)

Conversions

Conversions Part 1

Format	Color
Hex	3F0470
RGB	63, 4, 112
RGB Percent	25%, 2%, 44%
CMY	0.7529, 0.9843, 0.5608
CMYK	0.44, 0.96, 0.00, 0.56
HSL	273°, 93%, 23%
HSV	273°, 96%, 44%
XYZ	5.0179, 2.3134, 15.5113
YIQ	33.9530, 0.4960, 46.0960

Conversions

Conversions Part 2

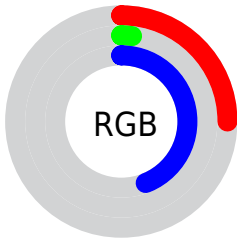
Format	Color
RYB	63, 4, 112
Decimal	4129904
CIELab	17.05, 45.10, -47.47
CIELCh	17, 65.476, 313.536
Yxy	2.3134, 0.2197, 0.1013
Android (android.graphics.Color)	4282319984 (0xFF3F0470)
YUV	33.9530, 38.4772, 25.4742
Hunter-Lab	15.2100, 32.2715, -49.8174

Details

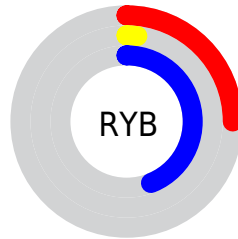
The Hex color **3F0470** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **357004**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **753BA5**, and **08003F** is the 20% darker color. If you saturate the color by 10%, you get **3D0070**, and if you desaturate by 10%, it is **440F70**.

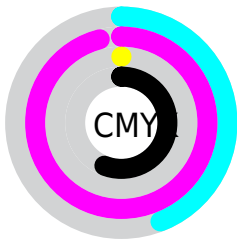
Distribution



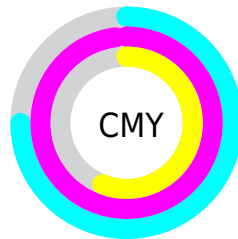
- Red (25%)
- Green (2%)
- Blue (44%)



- Red (25%)
- Yellow (2%)
- Blue (44%)



- Cyan (44%)
- Magenta (96%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (98%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F0470 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 3F0470 by changing the saturation by 10% instead.

 3F0470

 3F0470


 FFF7FF

 240057


 753BA5

 08003F

 9054C0

 000328

 AC6DDC

 000112

 C888F9

 000000

 E5A3FF

 FFBEFF

 FFDBFF

 3F0470

 3F0470

■ 3D0070

■ 440F70

■ 491A70

■ 4E2670

■ 533170

■ 583C70

■ 5D4770

■ 635270

■ 685E70

■ 6D6970

Harmonies

Analogous

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



002B89



3F0470



6B0046

Triad

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



3F0470



491E00



003B3F

Complementary

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



3F0470



357004

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.



00390B



3F0470



212F00

Square

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



3F0470



660000



003600



003B6C

Rectangle

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



3F0470



740027



003600



003A2F

Sweetspot

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



3F0470



7E6791



043670



3E304A



C9C9C9



4A4A4A

Same Dimension

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



3F0470



4F0091



70046C



363238



410078



8700F7

Inverse Universe

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



700435



910042



047008



383235



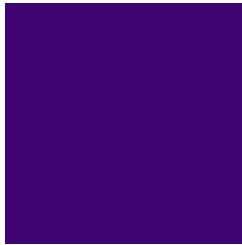
780036



F70070

Previews

White Background



This preview shows how the Hex color 3F0470 looks on a white background.

Color Contrast Check

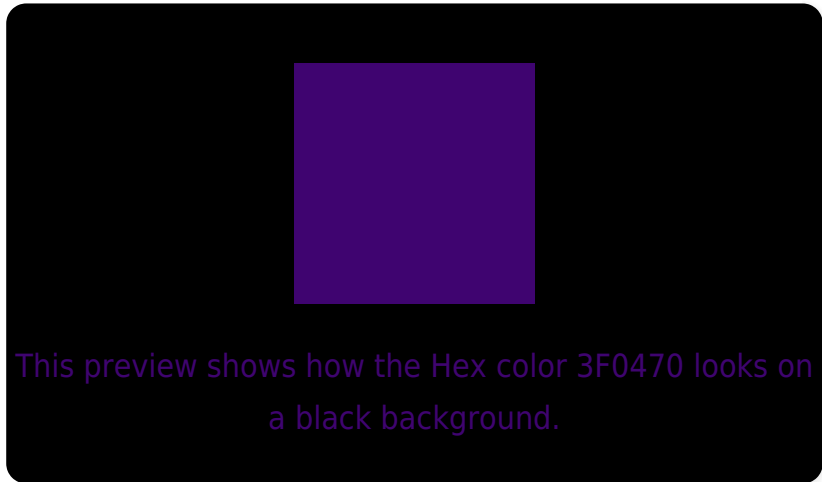
Large Text (above 18pt) WCAG AA ✓ Pass

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

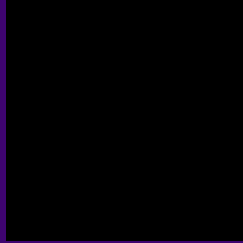
Any Text WCAG AA × Fail

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 3F0470 Background



This preview shows how black text looks on a background with the Hex color 3F0470.



This preview shows how white text looks on a background with the Hex color 3F0470.

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
3F0470

Protanopia
002C5C

Deuteranopia
002E4F

Trichromacy



Original Color
3F0470

Protanomaly
171D63

Deuteranomaly
171F5B

Tritanomaly
351D47

Monochromacy



Original Color
3F0470

Achromatopsia
222222

Achromatomaly
2D173E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F0470 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 #3F0470 looks like.

```
.text, #text, p{  
    color:#3F0470  
}
```

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 #3F0470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0470
}
```

Border

The CSS property to change the border of an element to Hex 3F0470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

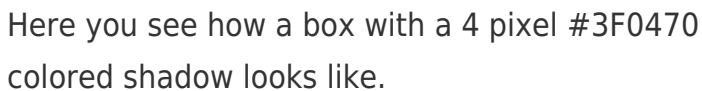
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F0470 }
```

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

```
.border{ border-color:#3F0470 }
```

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



Here you see how a box with a 4 pixel #3F0470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0470; -webkit-box-shadow:4px 4px  
4px 4px #3F0470; box-shadow:4px 4px 4px  
4px #3F0470 }
```

Background

The CSS property to change the background color of an element to Hex 3F0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0470 }
```

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

```
.background{ background-color:#3F0470 }
```

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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