

Converting Colors

Hex(7F3471)

Have a look what the booklet for
Hex(7F3471) contains.

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Color

Hex(7F3471)

Conversions

Conversions Part 1

Format	Color
Hex	7F3471
RGB	127, 52, 113
RGB Percent	50%, 20%, 44%
CMY	0.5020, 0.7961, 0.5569
CMYK	0.00, 0.59, 0.11, 0.50
HSL	311°, 42%, 35%
HSV	311°, 59%, 50%
XYZ	12.9610, 8.1603, 16.5148
YIQ	81.3790, 25.1190, 34.8710

Conversions

Conversions Part 2

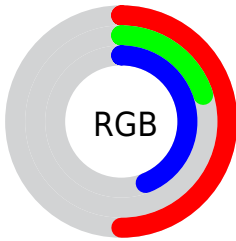
Format	Color
R_{YB}	127, 52, 113
Decimal	8336497
CIE _{Lab}	34.31, 40.48, -19.91
CIE _{LCh}	34, 45.116, 333.812
Yxy	8.1603, 0.3444, 0.2168
Android (android.graphics.Color)	4286526577 (0xFF7F3471)
YUV	81.3790, 15.5892, 40.0096
Hunter-Lab	28.5662, 30.9981, -14.2806

Details

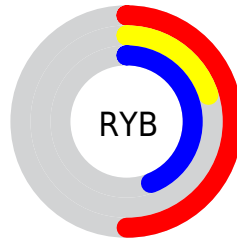
The Hex color **7F3471** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **347F42**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **B667A5**, and **4B0041** is the 20% darker color. If you saturate the color by 10%, you get **7F276F**, and if you desaturate by 10%, it is **7F4173**.

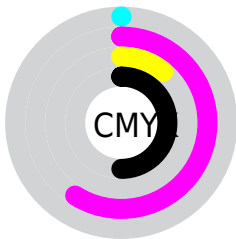
Distribution



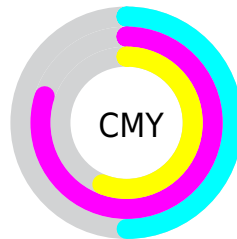
- Red (50%)
- Green (20%)
- Blue (44%)



- Red (50%)
- Yellow (20%)
- Blue (44%)



- Cyan (0%)
- Magenta (59%)
- Yellow (11%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F3471 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 7F3471 by changing the saturation by 10% instead.

■ 7F3471

■ 7F3471

FFFFFF

■ 651A58

■ B667A5

■ 4B0041

■ D281C0

■ 33002B

■ EF9CDC

■ 180015

■ FFB7F9

■ 000000

■ FFD3FF

■ FFF0FF

■ 7F3471

■ 7F3471

■ 7F276F

■ 7F4173

 7F1B6C

 7F4D76

 7F0E6A

 7F5A78

 7F0168

 7F677A

 7F0067

 7F747D

 7F807F

 7F8D82

 7F9A84

 7FA686

Harmonies

Analogous

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



56458D



7F3471



902B4E

Triad

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



7F3471



5D5100



006178

Complementary

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



7F3471



347F42

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.



006154



7F3471



385A0C

Square

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



7F3471



7A430B



005F2F



005D91

Rectangle

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



7F3471



8F2F36



005F2F



00616D

Sweetspot

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



7F3471



A688A0



42347F



544251



D4D4D4



545454

Same Dimension

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



7F3471



A63090



7F344C



40393F



800068



000000

Inverse Universe

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



7F3471



A63090



347F67



40393F



800068



000000

Previews

White Background



This preview shows how the Hex color 7F3471 looks on a white background.

Color Contrast Check

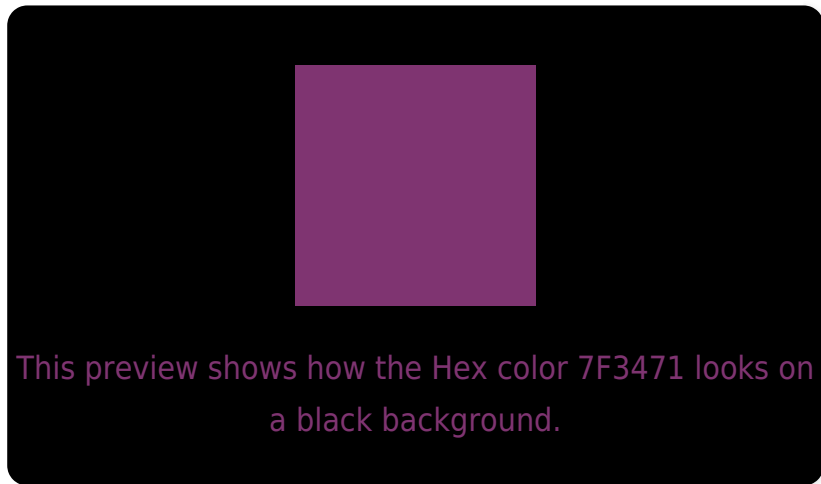
Large Text (above 18pt) WCAG AA ✓ Pass

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

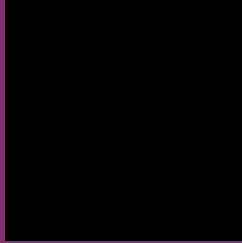
Any Text WCAG AA × Fail

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 7F3471 Background



This preview shows how black text looks on a background with the Hex color 7F3471.

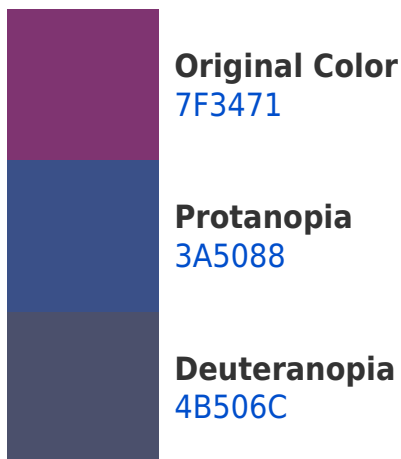


This preview shows how white text looks on a background with the Hex color 7F3471.

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





Tritanopia
7A4044

Trichromacy



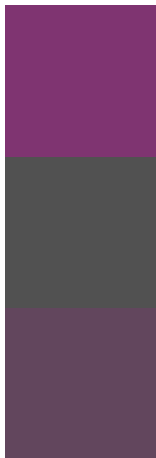
Original Color
7F3471

Protanomaly
534680

Deuteranomaly
5E466E

Tritanomaly
7C3C54

Monochromacy



Original Color
7F3471

Achromatopsia
515151

Achromatomaly
62465D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F3471 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 #7F3471 looks like.

```
.text, #text, p{  
    color:#7F3471  
}
```

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 #7F3471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F3471
}
```

Border

The CSS property to change the border of an element to Hex 7F3471 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
#7F3471 }
```

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

```
.border{ border-color:#7F3471 }
```

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

Here you see how a box with a 4 pixel #7F3471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F3471; -webkit-box-shadow:4px 4px  
4px 4px #7F3471; box-shadow:4px 4px 4px  
4px #7F3471 }
```

Background

The CSS property to change the background color of an element to Hex 7F3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F3471 }
```

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

```
.background{ background-color:#7F3471 }
```

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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