

Converting Colors

Hex(6F3871)

Have a look what the booklet for
Hex(6F3871) contains.

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Color

Hex(6F3871)

Conversions

Conversions Part 1

Format	Color
Hex	6F3871
RGB	111, 56, 113
RGB Percent	44%, 22%, 44%
CMY	0.5647, 0.7804, 0.5569
CMYK	0.02, 0.50, 0.00, 0.56
HSL	298°, 34%, 33%
HSV	298°, 50%, 44%
XYZ	10.9504, 7.4001, 16.4740
YIQ	78.9430, 14.4830, 29.3870

Conversions

Conversions Part 2

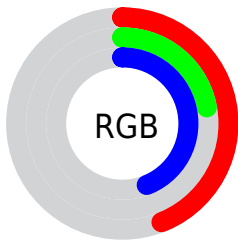
Format	Color
R_{YB}	111, 56, 113
Decimal	7288945
CIE _{Lab}	32.70, 33.38, -22.60
CIE _{LCh}	33, 40.311, 325.892
Yxy	7.4001, 0.3144, 0.2125
Android (android.graphics.Color)	4285479025 (0xFF6F3871)
YUV	78.9430, 16.7901, 28.1140
Hunter-Lab	27.2031, 24.2479, -16.8633

Details

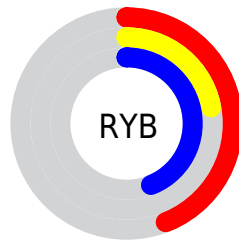
The Hex color **6F3871** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A7138**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A469A5**, and **3D0641** is the 20% darker color. If you saturate the color by 10%, you get **6F2D71**, and if you desaturate by 10%, it is **6F4371**.

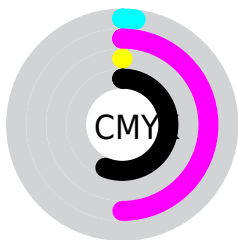
Distribution



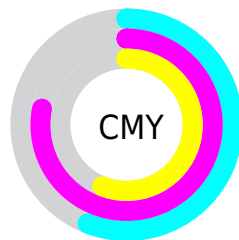
- Red (44%)
- Green (22%)
- Blue (44%)



- Red (44%)
- Yellow (22%)
- Blue (44%)



- Cyan (2%)
- Magenta (50%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F3871 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 6F3871 by changing the saturation by 10% instead.

6F3871

6F3871

FFFFFF

562058

A469A5

3D0641

C083C0

27002B

DC9EDC

000015

F9B9F9

000000

FFD5FF

FFF1FF

6F3871

6F3871

6F2D71

6F4371

6E2171

704F71

6E1671

705A71

6D0B71

716571

6D0071

717171

717C71

728771

729271

739E71

Harmonies

Analogous

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



444686



6F3871



832E53

Triad

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



6F3871



604A03



005C68

Complementary

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



6F3871



3A7138

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.



005B47



6F3871



42530C

Square

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



6F3871



783D18



125927



005981

Rectangle

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



6F3871



862E3D



125927



005C5D

Sweetspot

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



6F3871



937E94



383B71



493D4A



C9C9C9



4A4A4A

Same Dimension

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



6F3871



913A94



713857



383238



740078



EF00F7

Inverse Universe

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



71383A



943A3D



387152



383233



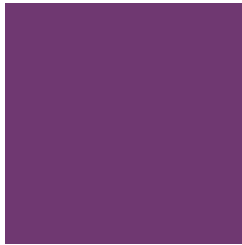
780004



F70009

Previews

White Background



This preview shows how the Hex color 6F3871 looks on a white background.

Color Contrast Check

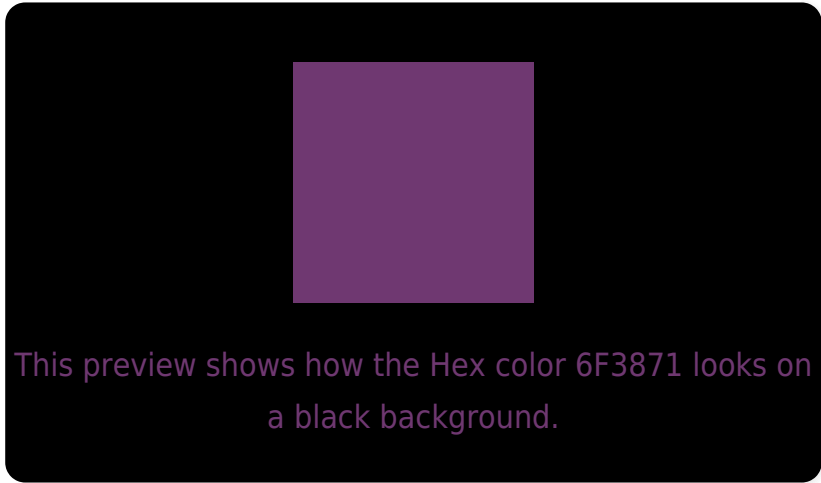
Large Text (above 18pt) WCAG AA ✓ Pass

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

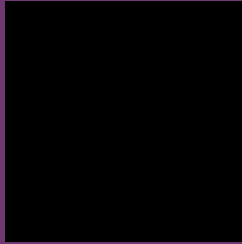
Any Text WCAG AA × Fail

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 6F3871 Background



This preview shows how black text looks on a background with the Hex color 6F3871.



This preview shows how white text looks on a background with the Hex color 6F3871.

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
6A4247

Trichromacy



Original Color
6F3871

Protanomaly
4B457C

Deuteranomaly
52456E

Tritanomaly
6C3E56

Monochromacy



Original Color
6F3871

Achromatopsia
4F4F4F

Achromatomaly
5B475B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F3871 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 #6F3871 looks like.

```
.text, #text, p{  
    color:#6F3871  
}
```

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 #6F3871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F3871
}
```

Border

The CSS property to change the border of an element to Hex 6F3871 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
#6F3871 }
```

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

```
.border{ border-color:#6F3871 }
```

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

Here you see how a box with a 4 pixel #6F3871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F3871; -webkit-box-shadow:4px 4px  
4px 4px #6F3871; box-shadow:4px 4px 4px  
4px #6F3871 }
```

Background

The CSS property to change the background color of an element to Hex 6F3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F3871 }
```

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

```
.background{ background-color:#6F3871 }
```

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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