

Converting Colors

Hex(6D3F70)

Have a look what the booklet for
Hex(6D3F70) contains.

Hex(6D3F70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D3F70)

Conversions

Conversions Part 1

Format	Color
Hex	6D3F70
RGB	109, 63, 112
RGB Percent	43%, 25%, 44%
CMY	0.5725, 0.7529, 0.5608
CMYK	0.03, 0.44, 0.00, 0.56
HSL	296°, 28%, 34%
HSV	296°, 44%, 44%
XYZ	11.0088, 7.9761, 16.2885
YIQ	82.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

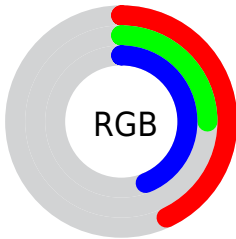
Format	Color
R_{YB}	109, 63, 112
Decimal	7159664
CIE _{Lab}	33.93, 28.50, -20.08
CIE _{LCh}	34, 34.862, 324.833
Yxy	7.9761, 0.3121, 0.2261
Android (android.graphics.Color)	4285349744 (0xFF6D3F70)
YUV	82.3400, 14.6224, 23.3808
Hunter-Lab	28.2419, 20.1565, -14.4261

Details

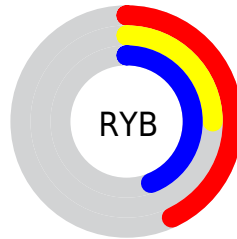
The Hex color **6D3F70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42703F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A270A4**, and **3C1140** is the 20% darker color. If you saturate the color by 10%, you get **6C3470**, and if you desaturate by 10%, it is **6E4A70**.

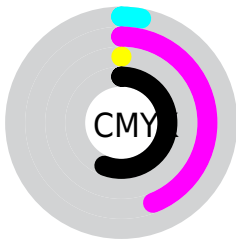
Distribution



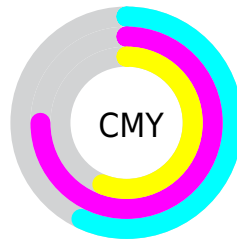
- Red (43%)
- Green (25%)
- Blue (44%)



- Red (43%)
- Yellow (25%)
- Blue (44%)



- Cyan (3%)
- Magenta (44%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3F70 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 6D3F70 by changing the saturation by 10% instead.

6D3F70

6D3F70

FFFFFF

542857

A270A4

3C1140

BD8ABF

26002A

D9A4DB

000014

F6C0F8

000000

FFDCFF

FFF9FF

6D3F70

6D3F70

6C3470

6E4A70

6C2970

6E5570

6B1D70

6F6170

6A1270

706C70

6A0770

707770

690070

718270

728D70

729970

73A470

Harmonies

Analogous

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



494A82



6D3F70



7F3756

Triad

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



6D3F70



634D15



005D66

Complementary

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



6D3F70



42703F

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.



005D4A



6D3F70



48551A

Square

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



6D3F70



774223



255A2E



005A7D

Rectangle

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



6D3F70



833743



255A2E



005D5D

Sweetspot

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



6D3F70



907E91



3F4270



493E4A



C9C9C9



4A4A4A

Same Dimension

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



6D3F70



8D4491



703F5B



383238



710078



E800F7

Inverse Universe

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



703F42



914449



3F7054



383233



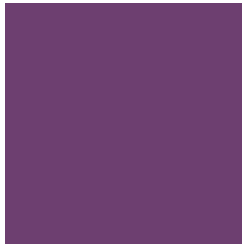
780007



F7000F

Previews

White Background



This preview shows how the Hex color 6D3F70 looks on a white background.

Color Contrast Check

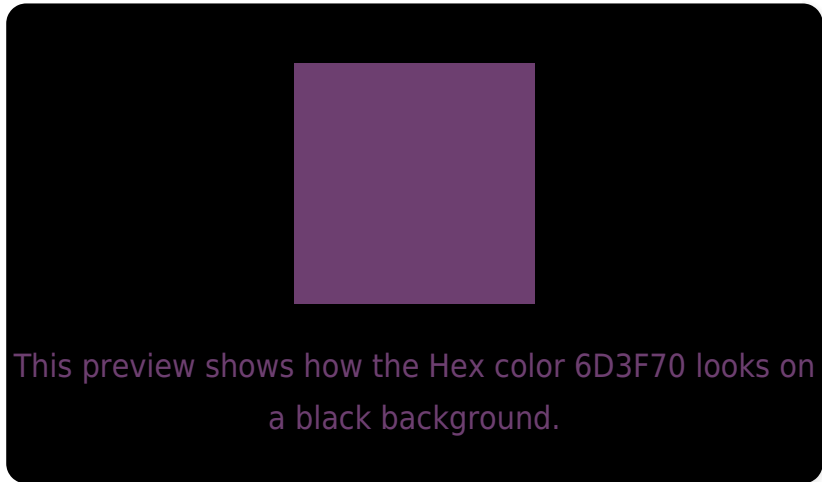
Large Text (above 18pt) WCAG AA ✓ Pass

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

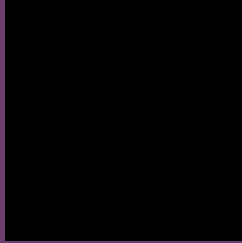
Any Text WCAG AA × Fail

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 6D3F70 Background



This preview shows how black text looks on a background with the Hex color 6D3F70.



This preview shows how white text looks on a background with the Hex color 6D3F70.

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
6D3F70

Protanopia
3F4F7D

Deuteranopia
484F6D



Tritanopia
68474C

Trichromacy



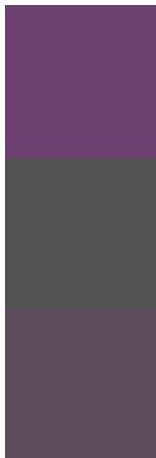
Original Color
6D3F70

Protanomaly
504978

Deuteranomaly
55496E

Tritanomaly
6A4459

Monochromacy



Original Color
6D3F70

Achromatopsia
525252

Achromatomaly
5C4B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3F70 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 #6D3F70 looks like.

```
.text, #text, p{  
    color:#6D3F70  
}
```

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 #6D3F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3F70
}
```

Border

The CSS property to change the border of an element to Hex 6D3F70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

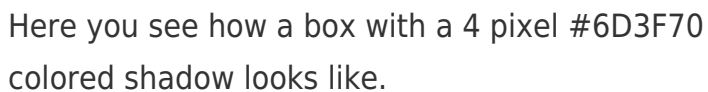
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3F70 }
```

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

```
.border{ border-color:#6D3F70 }
```

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



Here you see how a box with a 4 pixel #6D3F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3F70; -webkit-box-shadow:4px 4px  
4px 4px #6D3F70; box-shadow:4px 4px 4px  
4px #6D3F70 }
```

Background

The CSS property to change the background color of an element to Hex 6D3F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3F70 }
```

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

```
.background{ background-color:#6D3F70 }
```

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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