

Converting Colors

Hex(6D3F74)

Have a look what the booklet for
Hex(6D3F74) contains.

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Color

Hex(6D3F74)

Conversions

Conversions Part 1

Format	Color
Hex	6D3F74
RGB	109, 63, 116
RGB Percent	43%, 25%, 45%
CMY	0.5725, 0.7529, 0.5451
CMYK	0.06, 0.46, 0.00, 0.55
HSL	292°, 30%, 35%
HSV	292°, 46%, 45%
XYZ	11.2366, 8.0672, 17.4879
YIQ	82.7960, 10.4030, 26.2350

Conversions

Conversions Part 2

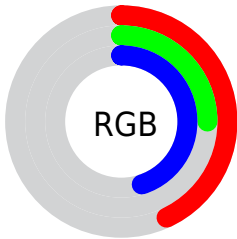
Format	Color
R_{YB}	109, 63, 116
Decimal	7159668
CIE _{Lab}	34.12, 29.35, -22.30
CIE _{LCh}	34, 36.860, 322.778
Yxy	8.0672, 0.3054, 0.2193
Android (android.graphics.Color)	4285349748 (0xFF6D3F74)
YUV	82.7960, 16.3696, 22.9809
Hunter-Lab	28.4028, 20.9124, -16.6235

Details

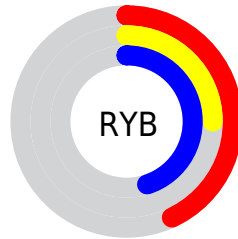
The Hex color **6D3F74** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46743F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A270A8**, and **3C1144** is the 20% darker color. If you saturate the color by 10%, you get **6B3374**, and if you desaturate by 10%, it is **6F4B74**.

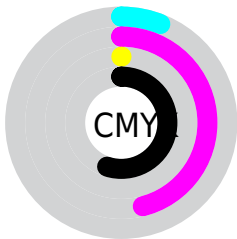
Distribution



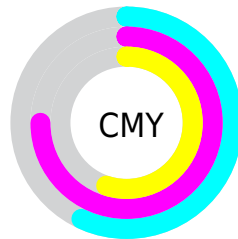
- Red (43%)
- Green (25%)
- Blue (45%)



- Red (43%)
- Yellow (25%)
- Blue (45%)



- Cyan (6%)
- Magenta (46%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3F74 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 6D3F74 by changing the saturation by 10% instead.

6D3F74

6D3F74

FFFFFF

54285B

A270A8

3C1144

BD8AC4

26002D

D9A5E0

000018

F6C0FC

000000

FFDCFF

FFF9FF

6D3F74

6D3F74

6B3374

6F4B74

6A2874

705674

681C74

726274

671174

736D74

650574

757974

650074

768574

789074

799C74

7BA774

Harmonies

Analogous

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



444B86



6D3F74



823659

Triad

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



6D3F74



664C12



005E66

Complementary

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



6D3F74



46743F

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.



005E48



6D3F74



4A5516

Square

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



6D3F74



7B4122



255B2B



005C7E

Rectangle

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



6D3F74



863545



255B2B



005E5C

Sweetspot

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



6D3F74



948196



3F4674



4B3F4D



CCCCCC



4D4D4D

Same Dimension

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



6D3F74



8C4496



743F61



3A353B



6A007A



D900FA

Inverse Universe

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



743F46



96444F



3F7452



3B3536



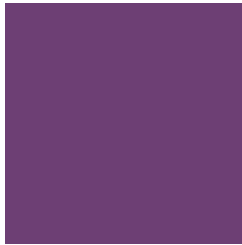
7A0010



FA0021

Previews

White Background



This preview shows how the Hex color 6D3F74 looks on a white background.

Color Contrast Check

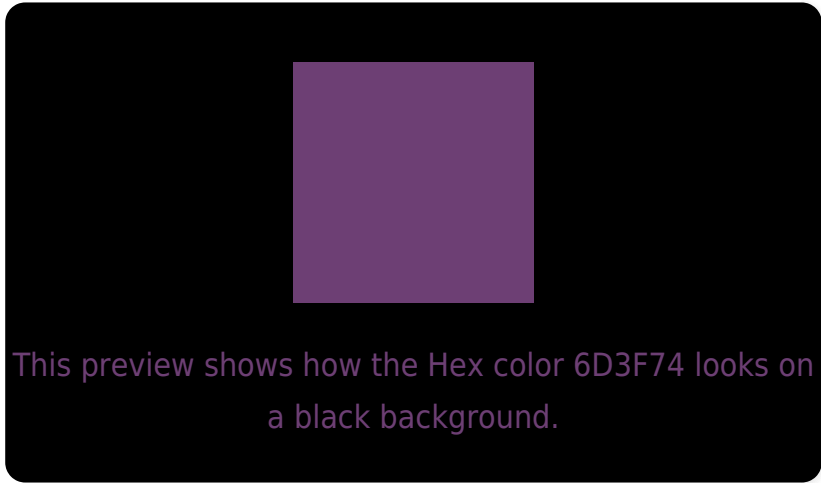
Large Text (above 18pt) WCAG AA ✓ Pass

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

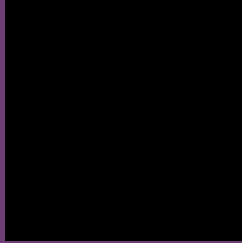
Any Text WCAG AA × Fail

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 6D3F74 Background



This preview shows how black text looks on a background with the Hex color 6D3F74.



This preview shows how white text looks on a background with the Hex color 6D3F74.

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
6D3F74

Protanopia
3D4F82

Deuteranopia
465071



Tritanopia
68484D

Trichromacy



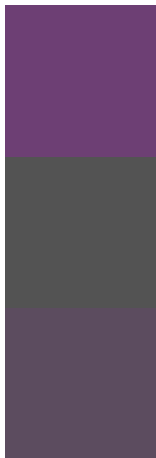
Original Color
6D3F74

Protanomaly
4E497D

Deuteranomaly
544A72

Tritanomaly
6A455B

Monochromacy



Original Color
6D3F74

Achromatopsia
535353

Achromatomaly
5C4C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3F74 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 #6D3F74 looks like.

```
.text, #text, p{  
    color:#6D3F74  
}
```

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 #6D3F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3F74
}
```

Border

The CSS property to change the border of an element to Hex 6D3F74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

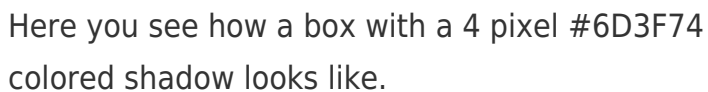
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3F74 }
```

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

```
.border{ border-color:#6D3F74 }
```

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



Here you see how a box with a 4 pixel #6D3F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3F74; -webkit-box-shadow:4px 4px  
4px 4px #6D3F74; box-shadow:4px 4px 4px  
4px #6D3F74 }
```

Background

The CSS property to change the background color of an element to Hex 6D3F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3F74 }
```

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

```
.background{ background-color:#6D3F74 }
```

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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