

# Converting Colors

Hex(6E3E74)

Have a look what the booklet for  
Hex(6E3E74) contains.

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# Color

**Hex(6E3E74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E3E74
RGB	110, 62, 116
RGB Percent	43%, 24%, 45%
CMY	0.5686, 0.7569, 0.5451
CMYK	0.05, 0.47, 0.00, 0.55
HSL	293°, 30%, 35%
HSV	293°, 47%, 45%
XYZ	11.3054, 8.0212, 17.4754
YIQ	82.5080, 11.2740, 26.9700

# Conversions

## Conversions Part 2

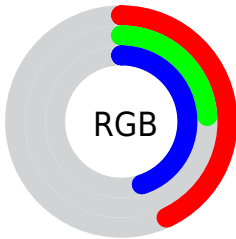
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 62, 116
Decimal	7224948
CIE <sub>Lab</sub>	34.03, 30.26, -22.44
CIE <sub>LCh</sub>	34, 37.672, 323.449
Yxy	8.0212, 0.3072, 0.2180
Android (android.graphics.Color)	4285415028 (0xFF6E3E74)
YUV	82.5080, 16.5116, 24.1105
Hunter-Lab	28.3217, 21.6903, -16.7586

# Details

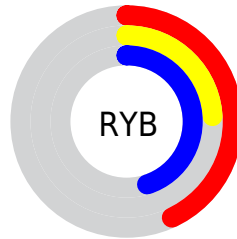
The Hex color **6E3E74** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44743E**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A36FA8**, and **3D0F44** is the 20% darker color. If you saturate the color by 10%, you get **6D3274**, and if you desaturate by 10%, it is **6F4A74**.

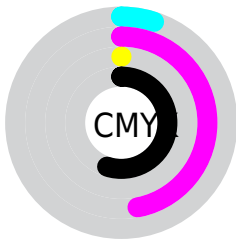
# Distribution



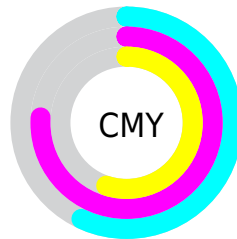
- Red (43%)
- Green (24%)
- Blue (45%)



- Red (43%)
- Yellow (24%)
- Blue (45%)



- Cyan (5%)
- Magenta (47%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (76%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3E74 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 6E3E74 by changing the saturation by 10% instead.



6E3E74

6E3E74

FFFFFF

55275B

A36FA8

3D0F44

BE89C4

26002D

DAA4E0

000018

F7BFFC

000000

FFDBFF

FFF8FF

6E3E74

6E3E74

6D3274

6F4A74

6B2774

715574

6A1B74

726174

691074

736C74

680474

747874

670074

768474

778F74

789B74

7AA674

# Harmonies

## Analogous

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



454B87



6E3E74



833558

# Triad

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



6E3E74



654C0F



005E67

# Complementary

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



6E3E74



44743E

# 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



6E3E74



495514

# Square

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



6E3E74



7B4020



225B2B



005C80

# Rectangle

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



6E3E74



873444



225B2B



005E5D



# Sweetspot

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



6E3E74



948196



3E4474



4B3F4D



CCCCCC



4D4D4D



# Same Dimension

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



6E3E74



8D4296



743E5F



3A353B



6D007A



DE00FA



# Inverse Universe

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



743E44



96424C



3E7453



3B3535



7A000E



FA001C



# Previews

## White Background



This preview shows how the Hex color 6E3E74 looks on a white background.

## Color Contrast Check

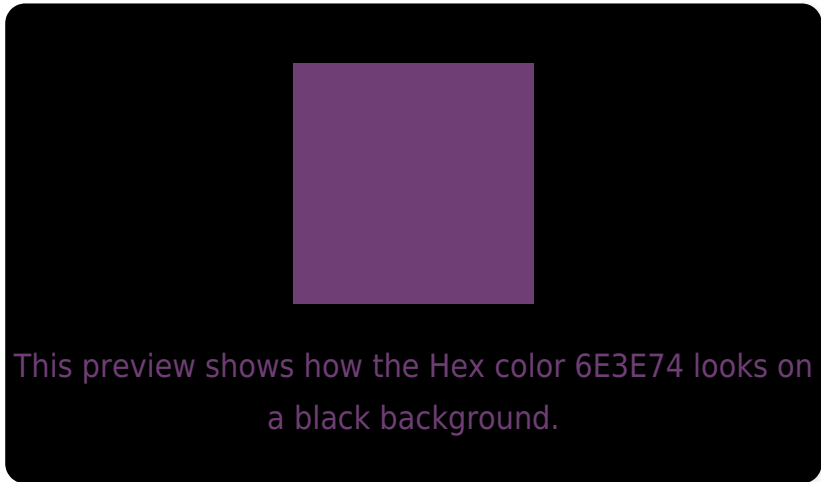
Large Text (above 18pt) WCAG AA ✓ Pass

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

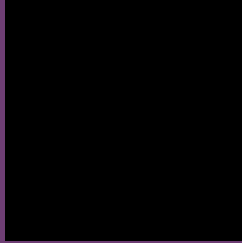
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E3E74 Background



This preview shows how black text looks on a background with the Hex color 6E3E74.



This preview shows how white text looks on a background with the Hex color 6E3E74.

# 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**  
6E3E74

**Protanopia**  
3C4F82

**Deuteranopia**  
455071



**Tritanopia**  
69474D

# Trichromacy



**Original Color**  
6E3E74

**Protanomaly**  
4E497D

**Deuteranomaly**  
544972

**Tritanomaly**  
6B445B

# Monochromacy



**Original Color**  
6E3E74

**Achromatopsia**  
535353

**Achromatomaly**  
5D4B5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3E74 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 #6E3E74 looks like.

```
.text, #text, p{  
    color:#6E3E74  
}
```

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 #6E3E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3E74  
}
```

## Border

The CSS property to change the border of an element to Hex 6E3E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

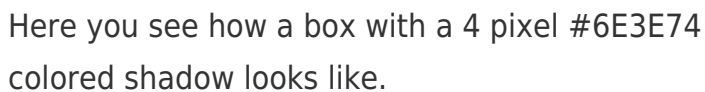
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E3E74 }
```

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

```
.border{ border-color:#6E3E74 }
```

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



Here you see how a box with a 4 pixel #6E3E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3E74; -webkit-box-shadow:4px 4px  
4px 4px #6E3E74; box-shadow:4px 4px 4px  
4px #6E3E74 }
```

# Background

The CSS property to change the background color of an element to Hex 6E3E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3E74 }
```

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

```
.background{ background-color:#6E3E74 }
```

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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