

# Converting Colors

Hex(6E3C71)

Have a look what the booklet for  
Hex(6E3C71) contains.

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# Color

**Hex(6E3C71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E3C71
RGB	110, 60, 113
RGB Percent	43%, 24%, 44%
CMY	0.5686, 0.7647, 0.5569
CMYK	0.03, 0.47, 0.00, 0.56
HSL	297°, 31%, 34%
HSV	297°, 47%, 44%
XYZ	11.0269, 7.7390, 16.5354
YIQ	80.9920, 12.7870, 27.0830

# Conversions

## Conversions Part 2

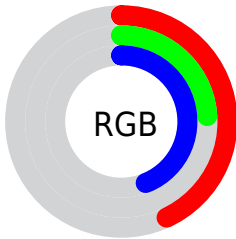
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 60, 113
Decimal	7224433
CIE <sub>Lab</sub>	33.43, 30.79, -21.47
CIE <sub>LCh</sub>	33, 37.536, 325.103
Yxy	7.7390, 0.3124, 0.2192
Android (android.graphics.Color)	4285414513 (0xFF6E3C71)
YUV	80.9920, 15.7799, 25.4400
Hunter-Lab	27.8190, 22.0706, -15.7682

# Details

The Hex color **6E3C71** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F713C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A36DA5**, and **3C0D41** is the 20% darker color. If you saturate the color by 10%, you get **6D3171**, and if you desaturate by 10%, it is **6F4771**.

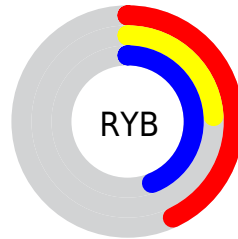
# Distribution



Red (43%)

Green (24%)

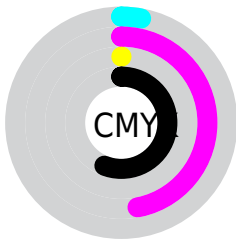
Blue (44%)



Red (43%)

Yellow (24%)

Blue (44%)

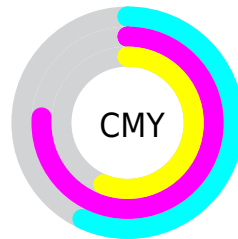


Cyan (3%)

Magenta (47%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (76%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3C71 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 6E3C71 by changing the saturation by 10% instead.





6E3C71



6E3C71

FFFFFF



552558



A36DA5



3C0D41



BE87C0



27002B



DBA1DC



000015



F7BDF9



000000



FFD9FF



FFF5FF



6E3C71



6E3C71



6D3171



6F4771

6D2571

6F5371

6C1A71

705E71

6B0F71

716971

6B0371

717471

6B0071

728071

728B71

739671

74A271

# Harmonies

## Analogous

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



464985



6E3C71



813355

# Triad

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



6E3C71



624B0E



005D67

# Complementary

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



6E3C71



3F713C

# 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.



005D49



6E3C71



465414

# Square

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



6E3C71



78401E



1E5A2B



005A7F

# Rectangle

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



6E3C71



853341



1E5A2B



005D5D



# Sweetspot

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



6E3C71



937F94



3C4071



493D4A



C9C9C9



4A4A4A



# Same Dimension

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



6E3C71



8F4194



713C5A



383238



710078



E900F7



# Inverse Universe

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



713C3F



944146



3C7153



383233



780007

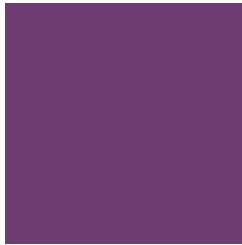


F7000E



# Previews

## White Background



This preview shows how the Hex color 6E3C71 looks on a white background.

## Color Contrast Check

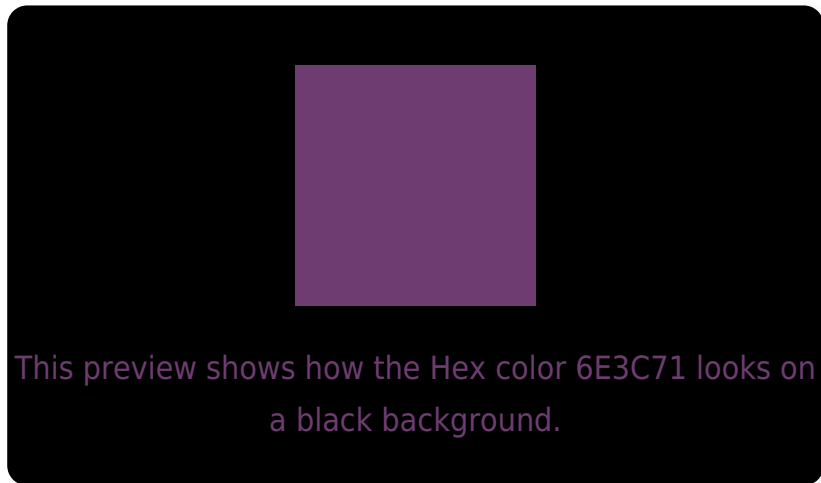
Large Text (above 18pt) WCAG AA ✓ Pass

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

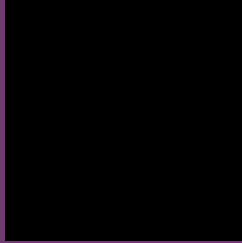
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E3C71 Background



This preview shows how black text looks on a background with the Hex color 6E3C71.



This preview shows how white text looks on a background with the Hex color 6E3C71.

# 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**  
6E3C71

**Protanopia**  
3C4E80

**Deuteranopia**  
454E6E



**Tritanopia**  
69454A

# Trichromacy



**Original Color**  
6E3C71

**Protanomaly**  
4E477B

**Deuteranomaly**  
54476F

**Tritanomaly**  
6B4258

# Monochromacy



**Original Color**  
6E3C71

**Achromatopsia**  
515151

**Achromatomaly**  
5C495D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3C71 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 #6E3C71 looks like.

```
.text, #text, p{  
    color:#6E3C71  
}
```

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 #6E3C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3C71
}
```

## Border

The CSS property to change the border of an element to Hex 6E3C71 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
#6E3C71 }
```

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

```
.border{ border-color:#6E3C71 }
```

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

Here you see how a box with a 4 pixel #6E3C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3C71; -webkit-box-shadow:4px 4px  
4px 4px #6E3C71; box-shadow:4px 4px 4px  
4px #6E3C71 }
```

# Background

The CSS property to change the background color of an element to Hex 6E3C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3C71 }
```

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

```
.background{ background-color:#6E3C71 }
```

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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