

Converting Colors

Hex(6E3B71)

Have a look what the booklet for
Hex(6E3B71) contains.

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Color

Hex(6E3B71)

Conversions

Conversions Part 1

Format	Color
Hex	6E3B71
RGB	110, 59, 113
RGB Percent	43%, 23%, 44%
CMY	0.5686, 0.7686, 0.5569
CMYK	0.03, 0.48, 0.00, 0.56
HSL	297°, 31%, 34%
HSV	297°, 48%, 44%
XYZ	10.9750, 7.6352, 16.5181
YIQ	80.4050, 13.0620, 27.6060

Conversions

Conversions Part 2

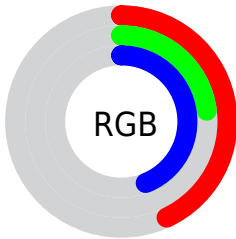
Format	Color
R_{YB}	110, 59, 113
Decimal	7224177
CIE _{Lab}	33.21, 31.36, -21.82
CIE _{LCh}	33, 38.204, 325.170
Yxy	7.6352, 0.3124, 0.2174
Android (android.graphics.Color)	4285414257 (0xFF6E3B71)
YUV	80.4050, 16.0693, 25.9548
Hunter-Lab	27.6318, 22.5422, -16.1008

Details

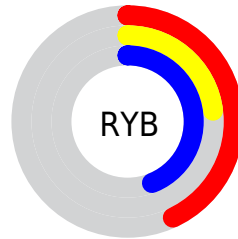
The Hex color **6E3B71** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E713B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A36CA5**, and **3C0B41** is the 20% darker color. If you saturate the color by 10%, you get **6D3071**, and if you desaturate by 10%, it is **6F4671**.

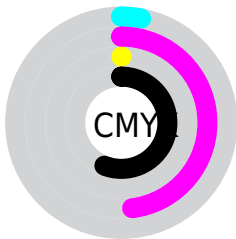
Distribution



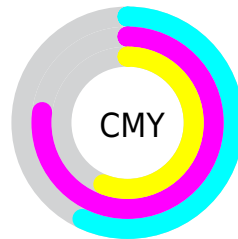
- Red (43%)
- Green (23%)
- Blue (44%)



- Red (43%)
- Yellow (23%)
- Blue (44%)



- Cyan (3%)
- Magenta (48%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E3B71 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 6E3B71 by changing the saturation by 10% instead.

 6E3B71

 6E3B71

FFFFFF

 552358

 A36CA5

 3C0B41

 BE86C0

 27002B

 DBA0DC

 000015

 F7BCF9

 000000

 FFD8FF

 FFF4FF

 6E3B71

 6E3B71

 6D3071

 6F4671

6D2471

6F5271

6C1971

705D71

6B0E71

716871

6B0371

717471

6B0071

727F71

728A71

739571

74A171

Harmonies

Analogous

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



464885



6E3B71



823254

Triad

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



6E3B71



624B0B



005C67

Complementary

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



6E3B71



3E713B

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.



005C48



6E3B71



455412

Square

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



6E3B71



783F1C



1B5A2A



005A7F

Rectangle

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



6E3B71



853240



1B5A2A



005D5D

Sweetspot

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



6E3B71



937F94



3B3F71



493D4A



C9C9C9



4A4A4A

Same Dimension

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



6E3B71



8F4094



713B5A



383238



710078



EA00F7

Inverse Universe

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



713B3E



944044



3B7152



383233



780007



F7000E

Previews

White Background



This preview shows how the Hex color 6E3B71 looks on a white background.

Color Contrast Check

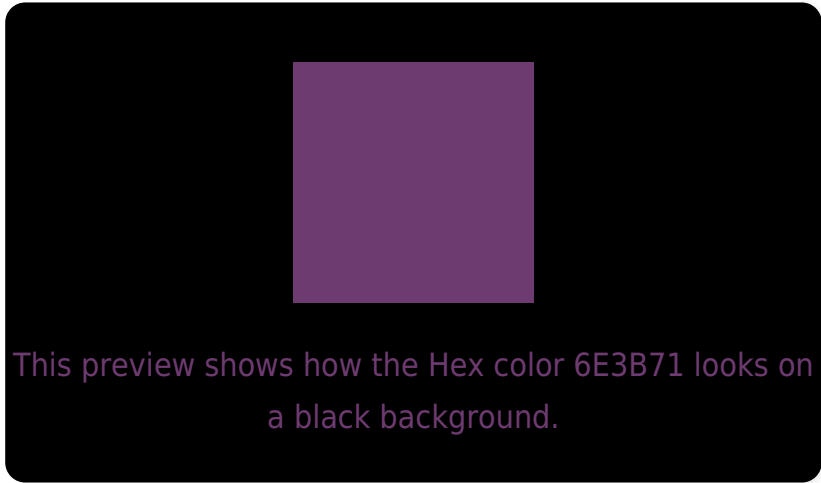
Large Text (above 18pt) WCAG AA ✓ Pass

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

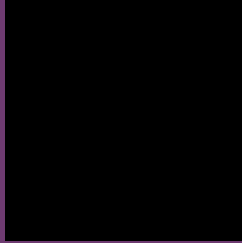
Any Text WCAG AA × Fail

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 6E3B71 Background



This preview shows how black text looks on a background with the Hex color 6E3B71.



This preview shows how white text looks on a background with the Hex color 6E3B71.

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
6E3B71

Protanopia
3A4D80

Deuteranopia
444E6E



Tritanopia
694449

Trichromacy



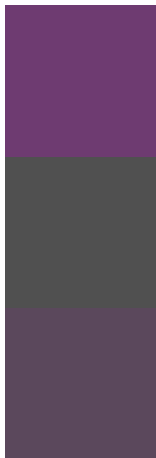
Original Color
6E3B71

Protanomaly
4D467B

Deuteranomaly
53476F

Tritanomaly
6B4158

Monochromacy



Original Color
6E3B71

Achromatopsia
505050

Achromatomaly
5B485C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E3B71 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 #6E3B71 looks like.

```
.text, #text, p{  
    color:#6E3B71  
}
```

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 #6E3B71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3B71  
}
```

Border

The CSS property to change the border of an element to Hex 6E3B71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

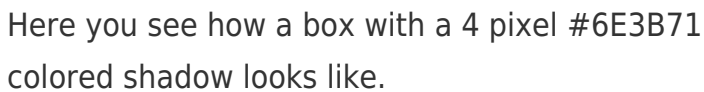
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E3B71 }
```

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

```
.border{ border-color:#6E3B71 }
```

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



Here you see how a box with a 4 pixel #6E3B71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3B71; -webkit-box-shadow:4px 4px  
4px 4px #6E3B71; box-shadow:4px 4px 4px  
4px #6E3B71 }
```

Background

The CSS property to change the background color of an element to Hex 6E3B71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3B71 }
```

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

```
.background{ background-color:#6E3B71 }
```

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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