

Converting Colors

Hex(6E1B7C)

Have a look what the booklet for
Hex(6E1B7C) contains.

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Color

Hex(6E1B7C)

Conversions

Conversions Part 1

Format	Color
Hex	6E1B7C
RGB	110, 27, 124
RGB Percent	43%, 11%, 49%
CMY	0.5686, 0.8941, 0.5137
CMYK	0.11, 0.78, 0.00, 0.51
HSL	291°, 64%, 30%
HSV	291°, 78%, 49%
XYZ	10.4604, 5.5541, 19.5895
YIQ	62.8750, 18.3310, 47.7630

Conversions

Conversions Part 2

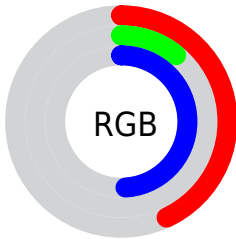
Format	Color
R_{YB}	110, 27, 124
Decimal	7215996
CIE _{Lab}	28.26, 48.84, -36.60
CIE _{LCh}	28, 61.033, 323.155
Yxy	5.5541, 0.2938, 0.1560
Android (android.graphics.Color)	4285406076 (0xFF6E1B7C)
YUV	62.8750, 30.1346, 41.3286
Hunter-Lab	23.5671, 37.9859, -32.7861

Details

The Hex color **6E1B7C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **297C1B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A451B1**, and **3A004A** is the 20% darker color. If you saturate the color by 10%, you get **6C0F7C**, and if you desaturate by 10%, it is **70277C**.

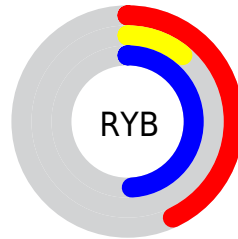
Distribution



Red (43%)

Green (11%)

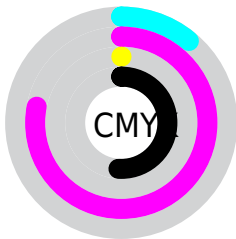
Blue (49%)



Red (43%)

Yellow (11%)

Blue (49%)

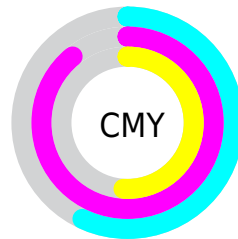


Cyan (11%)

Magenta (78%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (89%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E1B7C 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 6E1B7C by changing the saturation by 10% instead.

 6E1B7C

 6E1B7C

FFFFFF

 540063

 A451B1

 3A004A

 C16BCD

 240033

 DD86E9

 00021D

 FBA1FF

 000000

 FFBDFD

 FFD9FF

 FFF6FF

 6E1B7C

 6E1B7C

6C0F7C

70277C

6A027C

72347C

6A007C

73407C

754D7C

77597C

79657C

7B727C

7C7E7C

7E8B7C

Harmonies

Analogous

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



043B9B



6E1B7C



8D0050

Triad

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



6E1B7C



5C3D00



005567

Complementary

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



6E1B7C



297C1B

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.



005536



6E1B7C



2F4B00

Square

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



6E1B7C



7D2400



005200



00548E

Rectangle

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



6E1B7C



910031



005200



005557

Sweetspot

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



6E1B7C



9B7CA1



1B2A7C



4E3B52



D1D1D1



525252

Same Dimension

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



6E1B7C



8B0AA1



7C1B5A



3C373D



6B007D



D800FC

Inverse Universe

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



7C1B29



A10A1F



1B7C3D



3D3738



7D0012



FC0024

Previews

White Background



This preview shows how the Hex color 6E1B7C looks on a white background.

Color Contrast Check

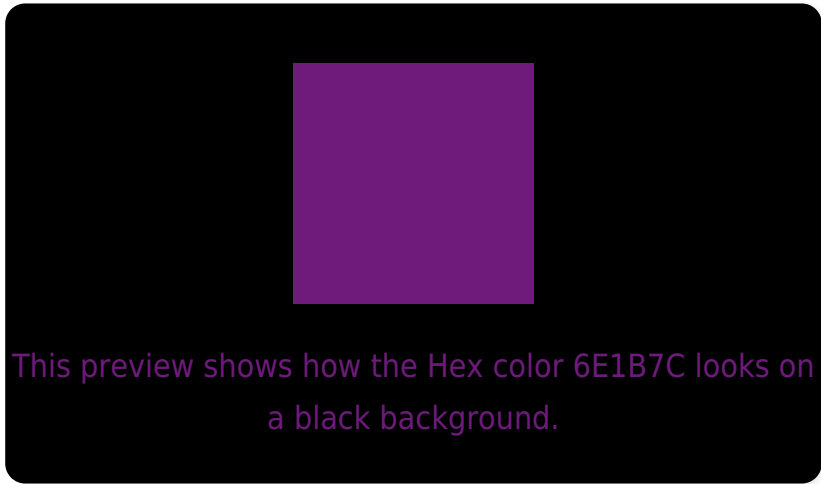
Large Text (above 18pt) WCAG AA ✓ Pass

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

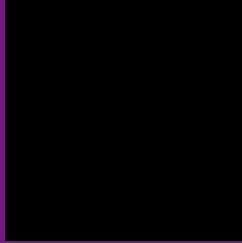
Any Text WCAG AA × Fail

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 6E1B7C Background



This preview shows how black text looks on a background with the Hex color 6E1B7C.



This preview shows how white text looks on a background with the Hex color 6E1B7C.

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
6E1B7C

Protanopia
00428B

Deuteranopia
1E4575



Tritanopia
653539

Trichromacy



Original Color
6E1B7C



Protanomaly
283486



Deuteranomaly
3B3678



Tritanomaly
682C51

Monochromacy



Original Color
6E1B7C



Achromatopsia
3F3F3F



Achromatomaly
503255

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E1B7C 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 #6E1B7C looks like.

```
.text, #text, p{  
    color:#6E1B7C  
}
```

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 #6E1B7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E1B7C
}
```

Border

The CSS property to change the border of an element to Hex 6E1B7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

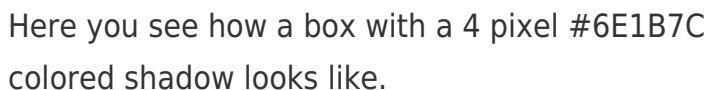
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E1B7C }
```

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

```
.border{ border-color:#6E1B7C }
```

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



Here you see how a box with a 4 pixel #6E1B7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E1B7C; -webkit-box-shadow:4px 4px  
4px 4px #6E1B7C; box-shadow:4px 4px 4px  
4px #6E1B7C }
```

Background

The CSS property to change the background color of an element to Hex 6E1B7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E1B7C }
```

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

```
.background{ background-color:#6E1B7C }
```

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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