

Converting Colors

Hex(6E16CC)

Have a look what the booklet for
Hex(6E16CC) contains.

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Color

Hex(6E16CC)

Conversions

Conversions Part 1

Format	Color
Hex	6E16CC
RGB	110, 22, 204
RGB Percent	43%, 9%, 80%
CMY	0.5686, 0.9137, 0.2000
CMYK	0.46, 0.89, 0.00, 0.20
HSL	269°, 81%, 44%
HSV	269°, 89%, 80%
XYZ	17.6164, 8.2484, 57.7904
YIQ	69.0600, -5.9740, 75.2580

Conversions

Conversions Part 2

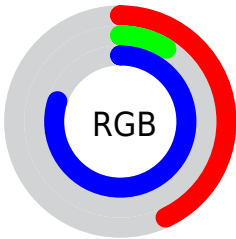
Format	Color
R _Y B	110, 22, 204
Decimal	7214796
CIE Lab	34.50, 67.43, -74.87
CIE LCh	34, 100.756, 312.006
Yxy	8.2484, 0.2106, 0.0986
Android (android.graphics.Color)	4285404876 (0xFF6E16CC)
YUV	69.0600, 66.5254, 35.9044
Hunter-Lab	28.7201, 59.2285, -99.1987

Details

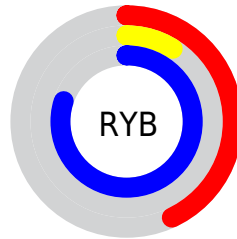
The Hex color **6E16CC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **74CC16**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **AA53FF**, and **2C0094** is the 20% darker color. If you saturate the color by 10%, you get **6302CC**, and if you desaturate by 10%, it is **792ACC**.

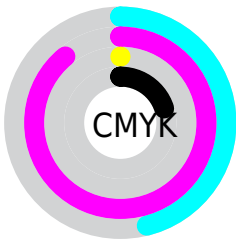
Distribution



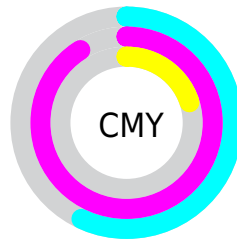
- Red (43%)
- Green (9%)
- Blue (80%)



- Red (43%)
- Yellow (9%)
- Blue (80%)



- Cyan (46%)
- Magenta (89%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (91%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E16CC 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 6E16CC by changing the saturation by 10% instead.

6E16CC

6E16CC

FFFFFF

4F00B0

AA53FF

2C0094

C86FFF

00007A

E68AFF

000060

FFA6FF

000847

FFC3FF

00042F

FFDFFF

00011A

FFFDFD

000000

6E16CC

6E16CC

■ 6302CC

■ 792ACC

■ 6300CC

■ 833FCC

■ 8E53CC

■ 9868CC

■ A37CCC

■ AD90CC

■ B8A5CC

■ C2B9CC

■ CDCECC

Harmonies

Analogous

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



0055F5



6E16CC



BF0085

Triad

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



6E16CC



8A3900



006C71

Complementary

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



6E16CC



74CC16

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.



006918



6E16CC



465800

Square

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



6E16CC



BA0000



006500



006DBE

Rectangle

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



6E16CC



D00050



006500



006B55

Sweetspot

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



6E16CC



DBBAFF



1674CC



6A5780



000000



808080

Same Dimension

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



6E16CC



7B00FF



C916CC



615C66



5000A6



120026

Inverse Universe

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



CC1674



FF0084



19CC16



665C61



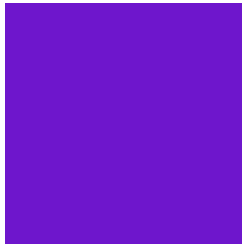
A60056



260014

Previews

White Background



This preview shows how the Hex color 6E16CC looks on a white background.

Color Contrast Check

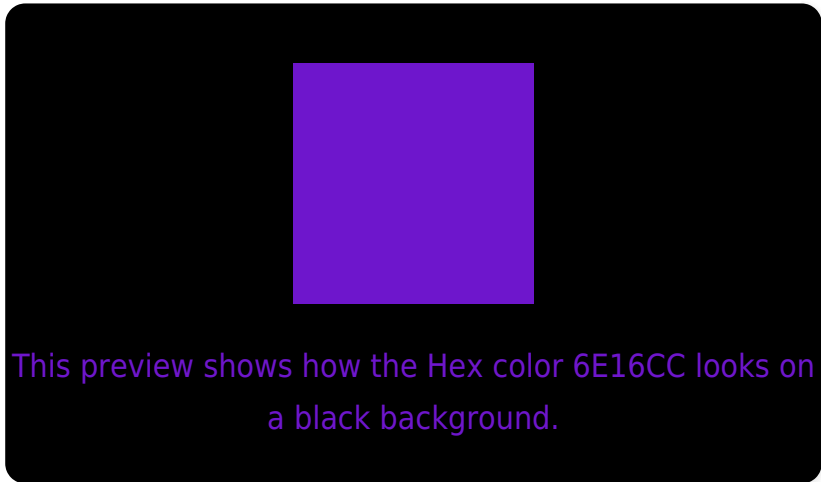
Large Text (above 18pt) WCAG AA ✓ Pass

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

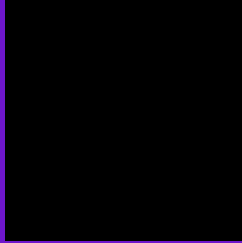
Any Text WCAG AA × Fail

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 6E16CC Background



This preview shows how black text looks on a background with the Hex color 6E16CC.



This preview shows how white text looks on a background with the Hex color 6E16CC.

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
6E16CC

Protanopia
004FA6

Deuteranopia
00548F



Tritanopia
515158

Trichromacy



Original Color
6E16CC



Protanomaly
283AB4



Deuteranomaly
283DA5



Tritanomaly
5C3C82

Monochromacy



Original Color
6E16CC



Achromatopsia
454545



Achromatomaly
543476

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E16CC 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 #6E16CC looks like.

```
.text, #text, p{  
    color:#6E16CC  
}
```

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 #6E16CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E16CC
}
```

Border

The CSS property to change the border of an element to Hex 6E16CC 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".

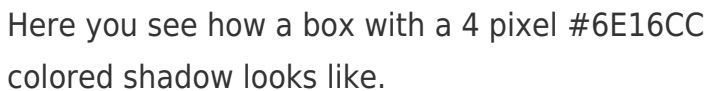
```
.border, #border, table{ border:4px solid
#6E16CC }
```

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

```
.border{ border-color:#6E16CC }
```

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

Here you see how a box with a 4 pixel #6E16CC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E16CC; -webkit-box-shadow:4px 4px  
4px 4px #6E16CC; box-shadow:4px 4px 4px  
4px #6E16CC }
```

Background

The CSS property to change the background color of an element to Hex 6E16CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E16CC }
```

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

```
.background{ background-color:#6E16CC }
```

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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