

Converting Colors

Hex(6E29CC)

Have a look what the booklet for
Hex(6E29CC) contains.

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Color

Hex(6E29CC)

Conversions

Conversions Part 1

Format	Color
Hex	6E29CC
RGB	110, 41, 204
RGB Percent	43%, 16%, 80%
CMY	0.5686, 0.8392, 0.2000
CMYK	0.46, 0.80, 0.00, 0.20
HSL	265°, 67%, 48%
HSV	265°, 80%, 80%
XYZ	18.1224, 9.2605, 57.9590
YIQ	80.2130, -11.1990, 65.3210

Conversions

Conversions Part 2

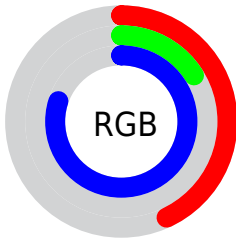
Format	Color
R_{YB}	110, 41, 204
Decimal	7219660
CIE _{Lab}	36.48, 61.57, -71.60
CIE _{LCh}	36, 94.434, 310.691
Yxy	9.2605, 0.2124, 0.1085
Android (android.graphics.Color)	4285409740 (0xFF6E29CC)
YUV	80.2130, 61.0270, 26.1232
Hunter-Lab	30.4311, 53.0466, -91.6220

Details

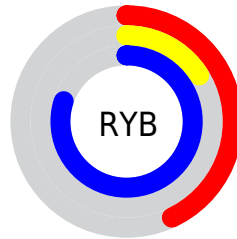
The Hex color **6E29CC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **87CC29**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **A95FFF**, and **2E0094** is the 20% darker color. If you saturate the color by 10%, you get **6215CC**, and if you desaturate by 10%, it is **7A3DCC**.

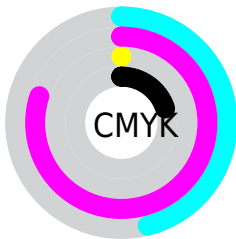
Distribution



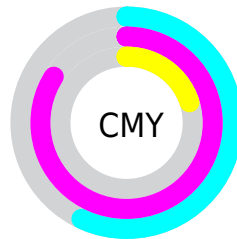
- Red (43%)
- Green (16%)
- Blue (80%)



- Red (43%)
- Yellow (16%)
- Blue (80%)



- Cyan (46%)
- Magenta (80%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E29CC 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 6E29CC by changing the saturation by 10% instead.

6E29CC

6E29CC

FFFFFF

5005B0

A95FFF

2E0094

C77AFF

00007A

E595FF

000060

FFB1FF

000647

FFCEFF

000430

FFEAFF

00011A

000000

6E29CC

6E29CC

■ 6215CC

■ 7A3DCC

■ 5600CC

■ 8652CC

■ 9166CC

■ 9D7BCC

■ A98FCC

■ B5A3CC

■ C0B8CC

■ CCCCCC

■ D8E1CC

Harmonies

Analogous

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



005AF0



6E29CC



BD008A

Triad

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



6E29CC



903E00



007070

Complementary

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



6E29CC



87CC29

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.



006E1D



6E29CC



515C00

Square

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



6E29CC



BD0000



006900



0071BA

Rectangle

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



6E29CC



CF0058



006900



007056

Sweetspot

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



6E29CC



DCC2FF



2988CC



6A5B80



000000



808080

Same Dimension

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



6E29CC



720AFF



BE29CC



605C66



4600A6



100026

Inverse Universe

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



CC2987



FF0A97



37CC29



665C62



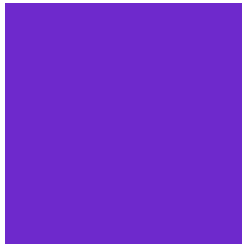
A60060



260016

Previews

White Background



This preview shows how the Hex color 6E29CC 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

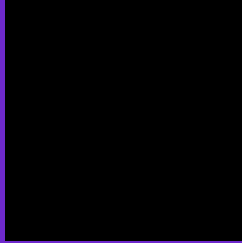
Any Text WCAG AA × Fail

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 6E29CC Background



This preview shows how black text looks on a background with the Hex color 6E29CC.



This preview shows how white text looks on a background with the Hex color 6E29CC.

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
6E29CC

Protanopia
0053AF

Deuteranopia
005997



Tritanopia
52565D

Trichromacy



Original Color
6E29CC



Protanomaly
2844BA



Deuteranomaly
2848AA



Tritanomaly
5C4685

Monochromacy



Original Color
6E29CC



Achromatopsia
505050



Achromatomaly
5B427D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E29CC 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 #6E29CC looks like.

```
.text, #text, p{  
    color:#6E29CC  
}
```

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 #6E29CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E29CC
}
```

Border

The CSS property to change the border of an element to Hex 6E29CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

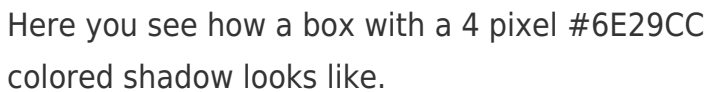
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E29CC }
```

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

```
.border{ border-color:#6E29CC }
```

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



Here you see how a box with a 4 pixel #6E29CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E29CC; -webkit-box-shadow:4px 4px  
4px 4px #6E29CC; box-shadow:4px 4px 4px  
4px #6E29CC }
```

Background

The CSS property to change the background color of an element to Hex 6E29CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E29CC }
```

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

```
.background{ background-color:#6E29CC }
```

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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