

Converting Colors

Hex(6E2799)

Have a look what the booklet for
Hex(6E2799) contains.

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Color

Hex(6E2799)

Conversions

Conversions Part 1

Format	Color
Hex	6E2799
RGB	110, 39, 153
RGB Percent	43%, 15%, 60%
CMY	0.5686, 0.8471, 0.4000
CMYK	0.28, 0.75, 0.00, 0.40
HSL	277°, 59%, 38%
HSV	277°, 75%, 60%
XYZ	12.9057, 7.0659, 30.8206
YIQ	73.2250, 5.7220, 50.5060

Conversions

Conversions Part 2

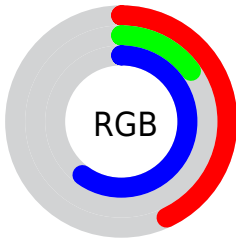
Format	Color
R _Y B	110, 39, 153
Decimal	7219097
CIE Lab	31.96, 50.28, -48.63
CIE LCh	32, 69.954, 315.954
Yxy	7.0659, 0.2541, 0.1391
Android (android.graphics.Color)	4285409177 (0xFF6E2799)
YUV	73.2250, 39.3291, 32.2517
Hunter-Lab	26.5818, 40.1450, -50.1372

Details

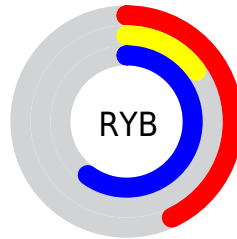
The Hex color **6E2799** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **529927**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A55BD0**, and **380065** is the 20% darker color. If you saturate the color by 10%, you get **681899**, and if you desaturate by 10%, it is **743699**.

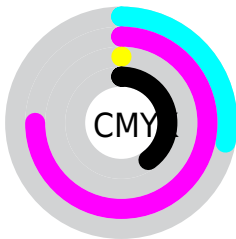
Distribution



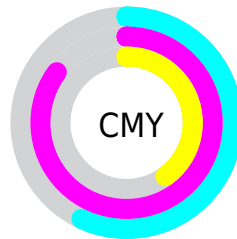
- Red (43%)
- Green (15%)
- Blue (60%)



- Red (43%)
- Yellow (15%)
- Blue (60%)



- Cyan (28%)
- Magenta (75%)
- Yellow (0%)
- Black (40%)



- Cyan (57%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E2799 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 6E2799 by changing the saturation by 10% instead.

 6E2799

 6E2799

FFFFFF

 53077F

 A55BD0

 380065

 C275ED

 1F004C

 DF90FF

 000035

 FCACFF

 00021E

 FFC8FF

 000001

 FFE4FF

 000000

 6E2799

 6E2799

 681899

 743699

620899

7A4699

5F0099

7F5599

856499

8B7399

918399

969299

9CA199

A2B199

Harmonies

Analogous

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



0049B7



6E2799



9C0067

Triad

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



6E2799



723F00



006168

Complementary

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



6E2799



529927

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.



005F2E



6E2799



425200

Square

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



6E2799



951A00



005B00



00609A

Rectangle

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



6E2799



A60043



005B00



006055

Sweetspot

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



6E2799



B69BC7



275399



5A4A63



E3E3E3



636363

Same Dimension

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



6E2799



8416C7



99278C



4A454D



57008C



08000D

Inverse Universe

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



992752



C71659



279934



4D4548



8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 6E2799 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

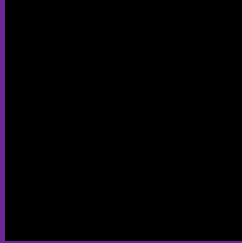
Any Text WCAG AA × Fail

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 6E2799 Background



This preview shows how black text looks on a background with the Hex color 6E2799.



This preview shows how white text looks on a background with the Hex color 6E2799.

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
6E2799

Protanopia
00499B

Deuteranopia
004E88



Tritanopia
604449

Trichromacy



Original Color
6E2799

Protanomaly
283D9A

Deuteranomaly
28408E

Tritanomaly
653966

Monochromacy



Original Color
6E2799

Achromatopsia
494949

Achromatomaly
563D66

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E2799 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 #6E2799 looks like.

```
.text, #text, p{  
    color:#6E2799  
}
```

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 #6E2799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2799
}
```

Border

The CSS property to change the border of an element to Hex 6E2799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

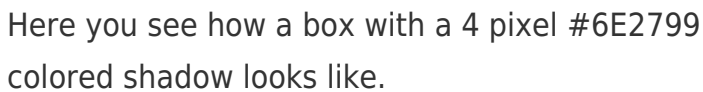
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E2799 }
```

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

```
.border{ border-color:#6E2799 }
```

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



Here you see how a box with a 4 pixel #6E2799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2799; -webkit-box-shadow:4px 4px  
4px 4px #6E2799; box-shadow:4px 4px 4px  
4px #6E2799 }
```

Background

The CSS property to change the background color of an element to Hex 6E2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2799 }
```

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

```
.background{ background-color:#6E2799 }
```

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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