

Converting Colors

Hex(6E00EB)

Have a look what the booklet for
Hex(6E00EB) contains.

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Color

Hex(6E00EB)

Conversions

Conversions Part 1

Format	Color
Hex	6E00EB
RGB	110, 0, 235
RGB Percent	43%, 0%, 92%
CMY	0.5686, 1.0000, 0.0784
CMYK	0.53, 1.00, 0.00, 0.08
HSL	268°, 100%, 46%
HSV	268°, 100%, 92%
XYZ	21.4258, 9.3132, 79.2656
YIQ	59.6800, -9.8750, 96.4050

Conversions

Conversions Part 2

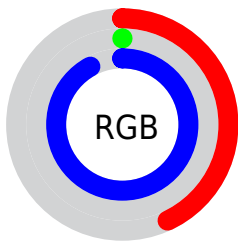
Format	Color
RYB	110, 0, 235
Decimal	7209195
CIELab	36.58, 77.66, -89.26
CIELCh	37, 118.316, 311.025
Yxy	9.3132, 0.1948, 0.0847
Android (android.graphics.Color)	4285399275 (0xFF6E00EB)
YUV	59.6800, 86.4328, 44.1306
Hunter-Lab	30.5175, 71.9163, -132.6368

Details

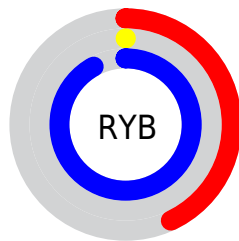
The Hex color **6E00EB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **7DEB00**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **AE4EFF**, and **1E00B1** is the 20% darker color. If you saturate the color by 10%, you get **6E00EB**, and if you desaturate by 10%, it is **7B17EB**.

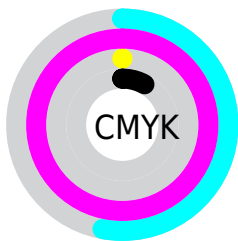
Distribution



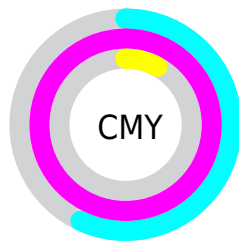
- Red (43%)
- Green (0%)
- Blue (92%)



- Red (43%)
- Yellow (0%)
- Blue (92%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (57%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E00EB 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 6E00EB by changing the saturation by 10% instead.

 6E00EB

 6E00EB

FFFFFF

 4B00CE

 AE4EFF

 1E00B1

 CD6BFF

 000096

 EC87FF

 00007B

 FFA4FF

 000061

 FFC0FF

 000848

 FFDEFF

 000430

 FFFBFF

 00011B

 000000

 6E00EB

 7B17EB

 872FEB

 9447EB

 A05EEB

 AD76EB

 B98DEB

 C6A4EB

 D2BCEB

 DFD3EB

Harmonies

Analogous

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



005DFF



6E00EB



D50096

Triad

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



6E00EB



983600



007379

Complementary

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



6E00EB



7DEB00

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.



007107



6E00EB



495E00

Square

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



6E00EB



D00000



006C00



0076D5

Rectangle

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



6E00EB



EA0058



006C00



007257

Sweetspot

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



6E00EB



D6B3FF



007DEB



675280



000000



808080

Same Dimension

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



6E00EB



7700FF



E300EB



6F6A75



5500B5



190036

Inverse Universe

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



EB007D



FF0088



08EB00



756A70



B50060



36001C

Previews

White Background



This preview shows how the Hex color 6E00EB looks on a white background.

Color Contrast Check

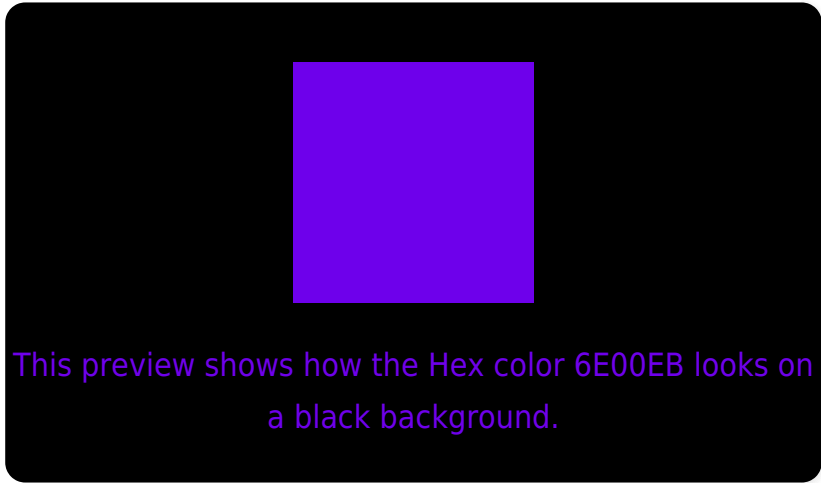
Large Text (above 18pt) WCAG AA ✓ Pass

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

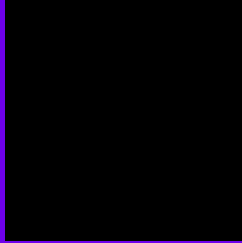
Any Text WCAG AA × Fail

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 6E00EB Background



This preview shows how black text looks on a background with the Hex color 6E00EB.

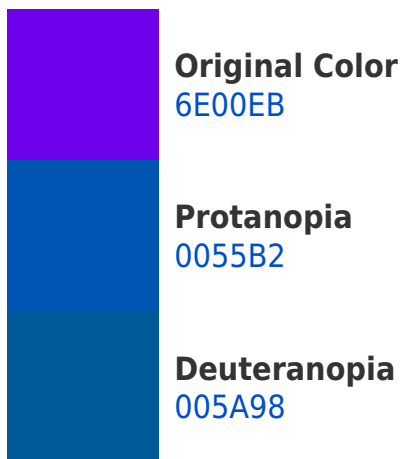



This preview shows how white text looks on a background with the Hex color 6E00EB.

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](#).

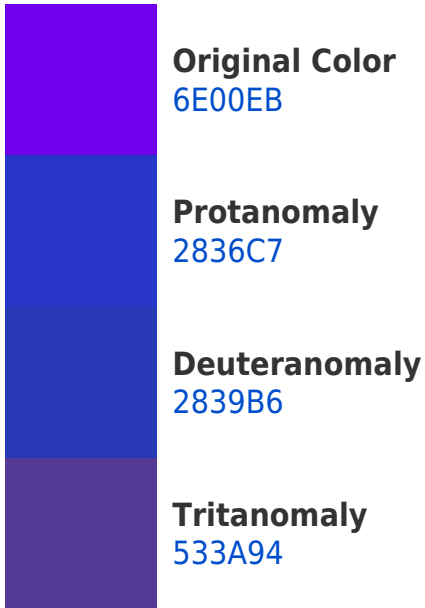
Dichromacy





Tritanopia
435B63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E00EB 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 #6E00EB looks like.

```
.text, #text, p{  
  color:#6E00EB  
}
```

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 #6E00EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E00EB
}
```

Border

The CSS property to change the border of an element to Hex 6E00EB 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".

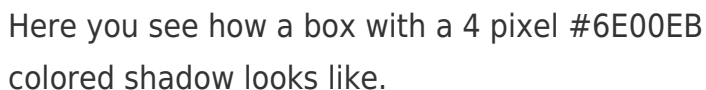
```
.border, #border, table{ border:4px solid
#6E00EB }
```

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

```
.border{ border-color:#6E00EB }
```

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

Here you see how a box with a 4 pixel #6E00EB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E00EB; -webkit-box-shadow:4px 4px  
4px 4px #6E00EB; box-shadow:4px 4px 4px  
4px #6E00EB }
```

Background

The CSS property to change the background color of an element to Hex 6E00EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E00EB }
```

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

```
.background{ background-color:#6E00EB }
```

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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