

Converting Colors

Hex(6E0EB1)

Have a look what the booklet for
Hex(6E0EB1) contains.

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Color

Hex(6E0EB1)

Conversions

Conversions Part 1

Format	Color
Hex	6E0EB1
RGB	110, 14, 177
RGB Percent	43%, 5%, 69%
CMY	0.5686, 0.9451, 0.3059
CMYK	0.38, 0.92, 0.00, 0.31
HSL	275°, 85%, 37%
HSV	275°, 92%, 69%
XYZ	14.5233, 6.8034, 42.1427
YIQ	61.2860, 4.8930, 71.0450

Conversions

Conversions Part 2

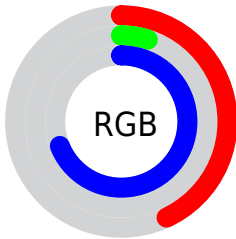
Format	Color
R_{YB}	110, 14, 177
Decimal	7212721
CIE _{Lab}	31.36, 63.19, -64.11
CIE _{LCh}	31, 90.015, 314.588
Yxy	6.8034, 0.2288, 0.1072
Android (android.graphics.Color)	4285402801 (0xFF6E0EB1)
YUV	61.2860, 57.0470, 42.7222
Hunter-Lab	26.0833, 53.7434, -77.5362

Details

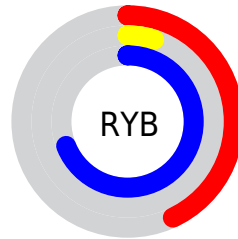
The Hex color **6E0EB1** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **51B10E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A84DEA**, and **33007B** is the 20% darker color. If you saturate the color by 10%, you get **6800B1**, and if you desaturate by 10%, it is **7520B1**.

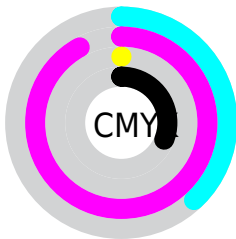
Distribution



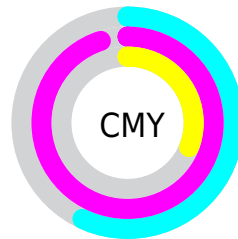
- Red (43%)
- Green (5%)
- Blue (69%)



- Red (43%)
- Yellow (5%)
- Blue (69%)



- Cyan (38%)
- Magenta (92%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E0EB1 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 6E0EB1 by changing the saturation by 10% instead.



6E0EB1



6E0EB1

FFFFFF



510096



A84DEA



33007B



C569FF



120061



E384FF



000048



FFA0FF



000431



FFBCFF



00011B



FFD9FF



000000



FFF6FF



6E0EB1



6E0EB1

6800B1

7520B1

7D31B1

8443B1

8B55B1

9267B1

9A78B1

A18AB1

A89CB1

AFADB1

Harmonies

Analogous

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



004AD7



6E0EB1



AE0071

Triad

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



6E0EB1



783900



00626C

Complementary

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



6E0EB1



51B10E

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.



006020



6E0EB1



3A5200

Square

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



6E0EB1



A40000



005C00



0063AE

Rectangle

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



6E0EB1



BA0043



005C00



006154

Sweetspot

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



6E0EB1



CBA5E6



0E52B1



634C73



F2F2F2



737373

Same Dimension

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



6E0EB1



8700E6



B10EA3



565059



5A0099



0F001A

Inverse Universe

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



B10E51



E6005E



0EB11C



595054



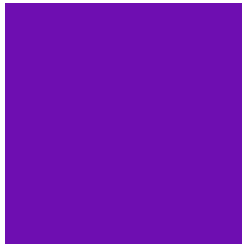
99003F



1A000A

Previews

White Background



This preview shows how the Hex color 6E0EB1 looks on a white background.

Color Contrast Check

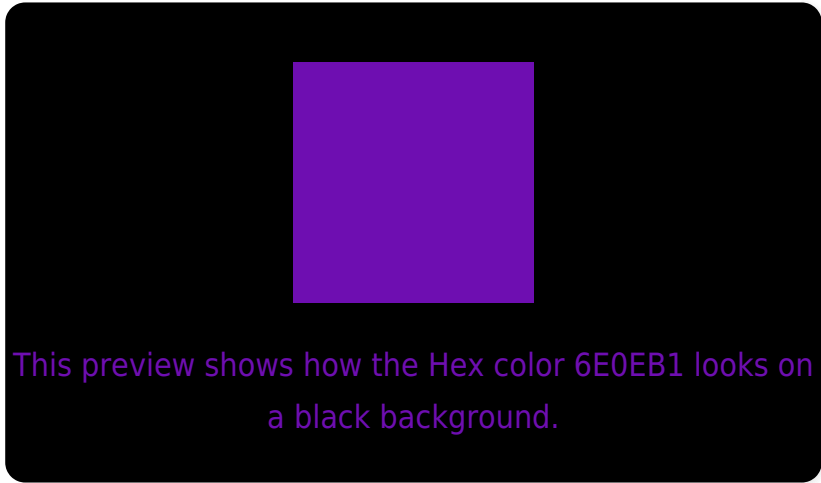
Large Text (above 18pt) WCAG AA ✓ Pass

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

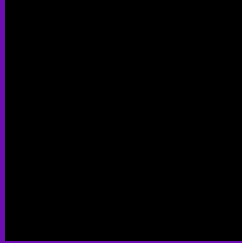
Any Text WCAG AA × Fail

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 6E0EB1 Background



This preview shows how black text looks on a background with the Hex color 6E0EB1.

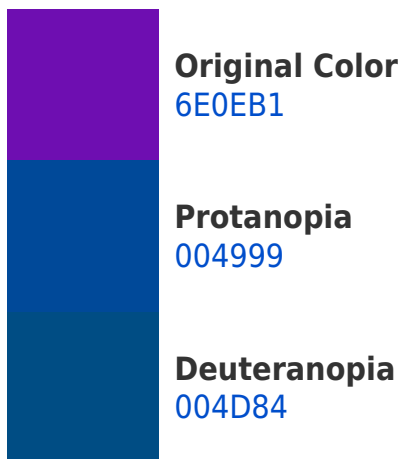


This preview shows how white text looks on a background with the Hex color 6E0EB1.

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](#).

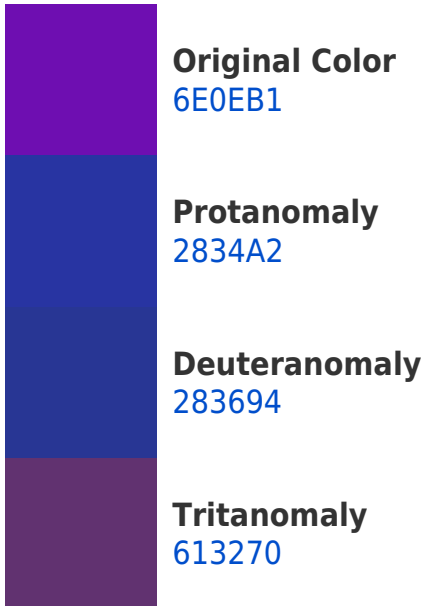
Dichromacy





Tritanopia
5A464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E0EB1 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 #6E0EB1 looks like.

```
.text, #text, p{  
    color:#6E0EB1  
}
```

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 #6E0EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0EB1
}
```

Border

The CSS property to change the border of an element to Hex 6E0EB1 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".

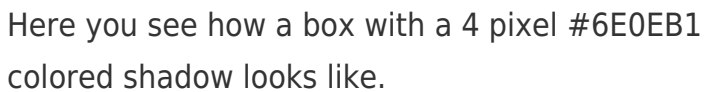
```
.border, #border, table{ border:4px solid
#6E0EB1 }
```

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

```
.border{ border-color:#6E0EB1 }
```

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

Here you see how a box with a 4 pixel #6E0EB1 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 #6E0EB1; -webkit-box-shadow:4px 4px  
4px 4px #6E0EB1; box-shadow:4px 4px 4px  
4px #6E0EB1 }
```

Background

The CSS property to change the background color of an element to Hex 6E0EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0EB1 }
```

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

```
.background{ background-color:#6E0EB1 }
```

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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