

# Converting Colors

Hex(6E4AC4)

Have a look what the booklet for  
Hex(6E4AC4) contains.

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# Color

**Hex(6E4AC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4AC4
RGB	110, 74, 196
RGB Percent	43%, 29%, 77%
CMY	0.5686, 0.7098, 0.2314
CMYK	0.44, 0.62, 0.00, 0.23
HSL	258°, 51%, 53%
HSV	258°, 62%, 77%
XYZ	18.8430, 12.1981, 53.5859
YIQ	98.6720, -17.7060, 45.5740

# Conversions

## Conversions Part 2

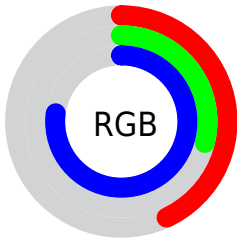
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 74, 196
Decimal	7228100
CIE <sub>Lab</sub>	41.53, 43.58, -58.72
CIE <sub>LCh</sub>	42, 73.119, 306.581
Yxy	12.1981, 0.2227, 0.1441
Android (android.graphics.Color)	4285418180 (0xFF6E4AC4)
YUV	98.6720, 47.9827, 9.9347
Hunter-Lab	34.9257, 35.1835, -66.5195

# Details

The Hex color **6E4AC4** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **A0C44A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A77CFD**, and **331A8D** is the 20% darker color. If you saturate the color by 10%, you get **6036C4**, and if you desaturate by 10%, it is **7C5EC4**.

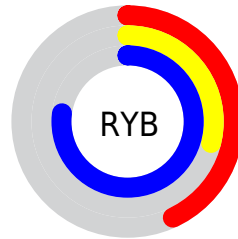
# Distribution



Red (43%)

Green (29%)

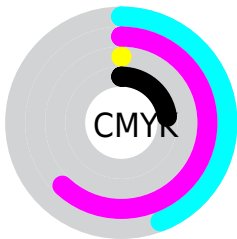
Blue (77%)



Red (43%)

Yellow (29%)

Blue (77%)

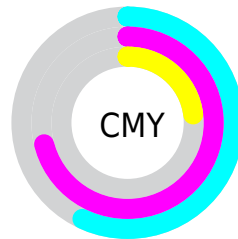


Cyan (44%)

Magenta (62%)

Yellow (0%)

Black (23%)



Cyan (57%)

Magenta (71%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E4AC4 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 6E4AC4 by changing the saturation by 10% instead.



6E4AC4

6E4AC4

FFFFFF

5132A8

A77CFD

331A8D

C497FF

0B0173

E1B2FF

00005A

FFCEFF

000141

FFEAFF

00032A

000114

000000

6E4AC4

6E4AC4

6036C4

7C5EC4

5223C4

8A71C4

450FC4

9785C4

3A00C4

A598C4

B3ACC4

C1C0C4

CFD3C4

DDE7C4

EAFAC4

# Harmonies

## Analogous

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



0066DC



6E4AC4



B11A93

# Triad

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



6E4AC4



9D4C00



007A6E

# Complementary

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



6E4AC4



A0C44A

# 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.



00782E



6E4AC4



6C6400

# Square

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



6E4AC4



BD241D



257100



007AA9

# Rectangle

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



6E4AC4



C4006C



257100



007A59



# Sweetspot

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



6E4AC4



DDCFFF



4AA1C4



6B6280



000000



808080



# Same Dimension

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



6E4AC4



7840FF



AA4AC4



5A5761



2F00A1



0A0021



# Inverse Universe

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



C44AA0



FF40C7



64C44A



61575E



A10071

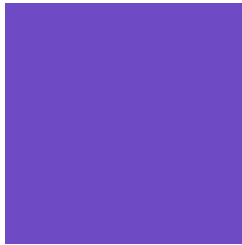


210017



# Previews

## White Background



This preview shows how the Hex color 6E4AC4 looks on a white background.

## Color Contrast Check

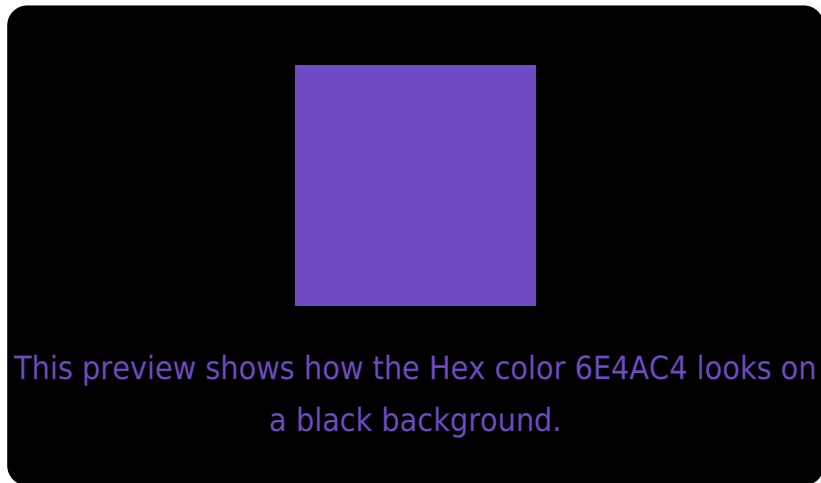
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

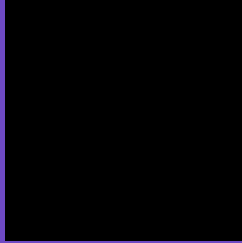
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6E4AC4 Background



This preview shows how black text looks on a background with the Hex color 6E4AC4.

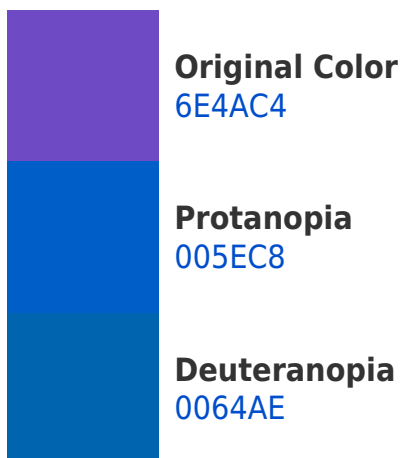


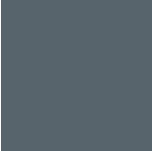
This preview shows how white text looks on a background with the Hex color 6E4AC4.

# 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](#).

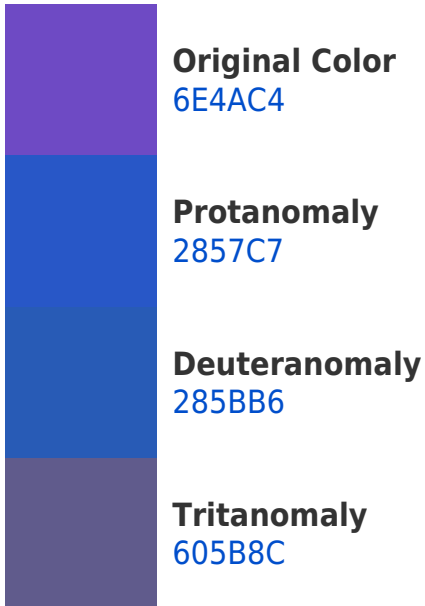
## Dichromacy





**Tritanopia**  
58646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E4AC4 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 #6E4AC4 looks like.

```
.text, #text, p{  
    color:#6E4AC4  
}
```

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 #6E4AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4AC4
}
```

## Border

The CSS property to change the border of an element to Hex 6E4AC4 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
#6E4AC4 }
```

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

```
.border{ border-color:#6E4AC4 }
```

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

Here you see how a box with a 4 pixel #6E4AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4AC4; -webkit-box-shadow:4px 4px  
4px 4px #6E4AC4; box-shadow:4px 4px 4px  
4px #6E4AC4 }
```

# Background

The CSS property to change the background color of an element to Hex 6E4AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4AC4 }
```

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

```
.background{ background-color:#6E4AC4 }
```

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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