

# Converting Colors

Hex(6E3DAC)

Have a look what the booklet for  
Hex(6E3DAC) contains.

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# Color

**Hex(6E3DAC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E3DAC
RGB	110, 61, 172
RGB Percent	43%, 24%, 67%
CMY	0.5686, 0.7608, 0.3255
CMYK	0.36, 0.65, 0.00, 0.33
HSL	266°, 48%, 46%
HSV	266°, 65%, 67%
XYZ	15.5455, 9.6310, 40.0694
YIQ	88.3050, -6.4270, 44.9090

# Conversions

## Conversions Part 2

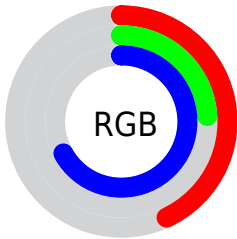
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 61, 172
Decimal	7224748
CIE <sub>Lab</sub>	37.17, 44.25, -51.65
CIE <sub>LCh</sub>	37, 68.010, 310.589
Yxy	9.6310, 0.2383, 0.1476
Android (android.graphics.Color)	4285414828 (0xFF6E3DAC)
YUV	88.3050, 41.2616, 19.0265
Hunter-Lab	31.0339, 35.1051, -54.8284

# Details

The Hex color **6E3DAC** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7BAC3D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A66FE4**, and **370977** is the 20% darker color. If you saturate the color by 10%, you get **642CAC**, and if you desaturate by 10%, it is **784EAC**.

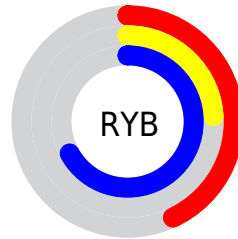
# Distribution



Red (43%)

Green (24%)

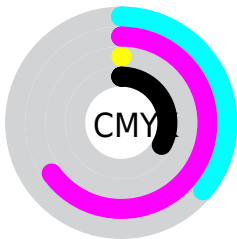
Blue (67%)



Red (43%)

Yellow (24%)

Blue (67%)

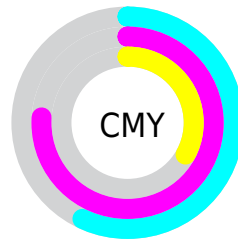


Cyan (36%)

Magenta (65%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (76%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E3DAC 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 6E3DAC by changing the saturation by 10% instead.



6E3DAC

6E3DAC

FFFFFF

532491

A66FE4

370977

C289FF

18005D

DFA4FF

000045

FDC0FF

00032E

FFDCFF

000118

FFF9FF

000000

6E3DAC

6E3DAC

642CAC

784EAC

■ 5B1BAC

■ 815FAC

■ 5109AC

■ 8B71AC

■ 4C00AC

■ 9482AC

■ 9E93AC

■ A8A4AC

■ B1B5AC

■ BBC7AC

■ C4D8AC

# Harmonies

## Analogous

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



0059C5



6E3DAC



A40A7D

# Triad

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



6E3DAC



884700



006E6A

# Complementary

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



6E3DAC



7BAC3D

# 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.



006C30



6E3DAC



5A5B00

# Square

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



6E3DAC



A82510



0B6700



006D9E

# Rectangle

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



6E3DAC



B20059



0B6700



006D57



# Sweetspot

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



6E3DAC



C9B6E0



3D7CAC



625670



F0F0F0



707070



# Same Dimension

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



6E3DAC



8034E0



A53DAC



524E57



420096



0A0017



# Inverse Universe

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



AC3D7B



E03494



44AC3D



574E53



960054



17000D



# Previews

## White Background



This preview shows how the Hex color 6E3DAC looks on a white background.

## Color Contrast Check

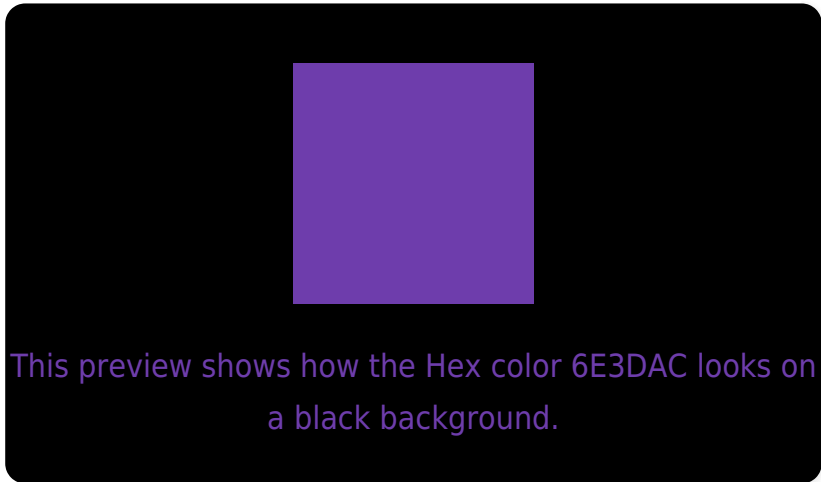
Large Text (above 18pt) WCAG AA ✓ Pass

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

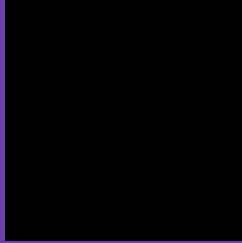
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E3DAC Background



This preview shows how black text looks on a background with the Hex color 6E3DAC.

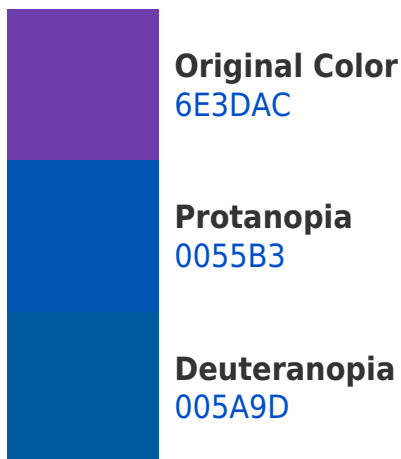


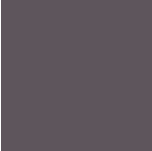
This preview shows how white text looks on a background with the Hex color 6E3DAC.

# 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](#).

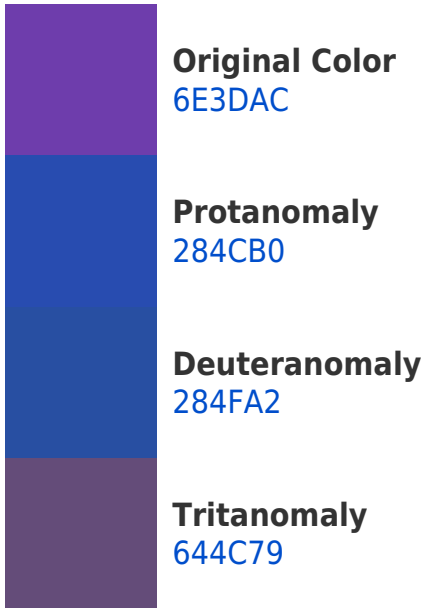
## Dichromacy



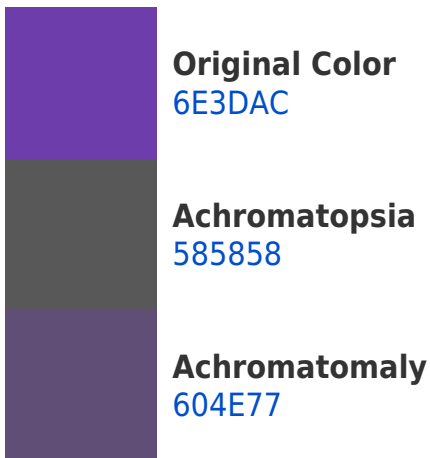


**Tritanopia**  
5E555C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E3DAC 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 #6E3DAC looks like.

```
.text, #text, p{  
    color:#6E3DAC  
}
```

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 #6E3DAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E3DAC
}
```

## Border

The CSS property to change the border of an element to Hex 6E3DAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

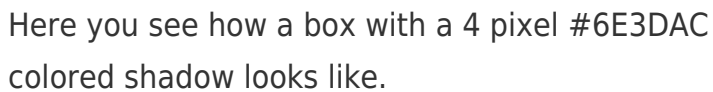
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E3DAC }
```

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

```
.border{ border-color:#6E3DAC }
```

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



Here you see how a box with a 4 pixel #6E3DAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E3DAC; -webkit-box-shadow:4px 4px  
4px 4px #6E3DAC; box-shadow:4px 4px 4px  
4px #6E3DAC }
```

# Background

The CSS property to change the background color of an element to Hex 6E3DAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E3DAC }
```

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

```
.background{ background-color:#6E3DAC }
```

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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