

# Converting Colors

Hex(6E1EAA)

Have a look what the booklet for  
Hex(6E1EAA) contains.

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# Color

**Hex(6E1EAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E1EAA
RGB	110, 30, 170
RGB Percent	43%, 12%, 67%
CMY	0.5686, 0.8824, 0.3333
CMYK	0.35, 0.82, 0.00, 0.33
HSL	274°, 70%, 39%
HSV	274°, 82%, 67%
XYZ	14.1504, 7.1458, 38.6637
YIQ	69.8800, 2.7400, 60.5000

# Conversions

## Conversions Part 2

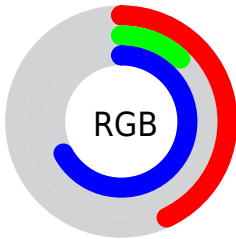
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 30, 170
Decimal	7216810
CIE <sub>Lab</sub>	32.14, 57.52, -58.63
CIE <sub>LCh</sub>	32, 82.132, 314.449
Yxy	7.1458, 0.2360, 0.1192
Android (android.graphics.Color)	4285406890 (0xFF6E1EAA)
YUV	69.8800, 49.3592, 35.1852
Hunter-Lab	26.7317, 47.7083, -67.0427

# Details

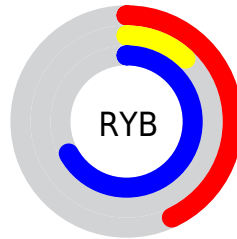
The Hex color **6E1EAA** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **5AAA1E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A755E2**, and **350075** is the 20% darker color. If you saturate the color by 10%, you get **670DAA**, and if you desaturate by 10%, it is **752FAA**.

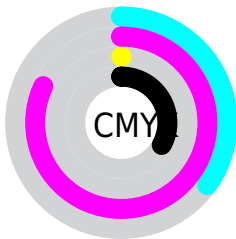
# Distribution



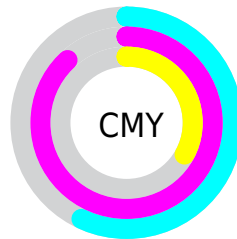
- Red (43%)
- Green (12%)
- Blue (67%)



- Red (43%)
- Yellow (12%)
- Blue (67%)



- Cyan (35%)
- Magenta (82%)
- Yellow (0%)
- Black (33%)



- Cyan (57%)
- Magenta (88%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E1EAA 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 6E1EAA by changing the saturation by 10% instead.



6E1EAA

6E1EAA

FFFFFF

52008F

A755E2

350075

C470FF

17005B

E18BFF

000043

FFA7FF

00032B

FFC3FF

000116

FFE0FF

000000

FFFDFF

6E1EAA

6E1EAA

670DAA

752FAA

6100AA

7D40AA

8451AA

8B62AA

9273AA

9A84AA

A195AA

A8A6AA

B0B7AA

# Harmonies

## Analogous

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



004BCD



6E1EAA



A80070

# Triad

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



6E1EAA



783C00



00636B

# Complementary

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



6E1EAA



5AAA1E

# 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.



006125



6E1EAA



405300

# Square

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



6E1EAA



A10000



005D00



0063A7

# Rectangle

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



6E1EAA



B40046



005D00



006354



# Sweetspot

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



6E1EAA



C6A6DE



1E5BAA



624F70



F0F0F0



707070



# Same Dimension

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



6E1EAA



8002DE



AA1EA1



514C54



550094



0C0014



# Inverse Universe

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



AA1E5A



DE0260



1EAA27



544C4F



94003F



140009



# Previews

## White Background



This preview shows how the Hex color 6E1EAA looks on a white background.

## Color Contrast Check

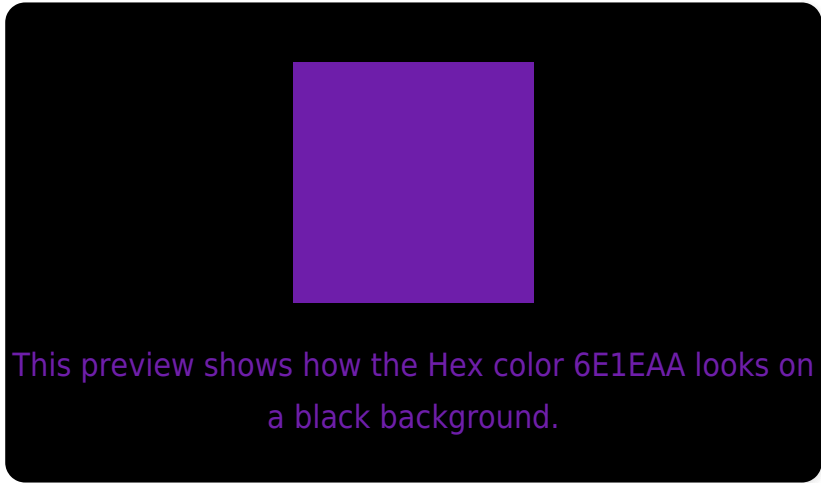
Large Text (above 18pt) WCAG AA ✓ Pass

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

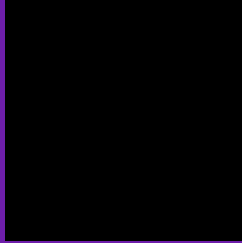
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E1EAA Background



This preview shows how black text looks on a background with the Hex color 6E1EAA.



This preview shows how white text looks on a background with the Hex color 6E1EAA.

# 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**  
6E1EAA

**Deuteranopia**  
004F87

**Tritanopia**  
5C474C

# Trichromacy



**Original Color**  
6E1EAA

**Deuteranomaly**  
283D94

**Tritanomaly**  
63386E

# Monochromacy



**Original Color**  
6E1EAA

**Achromatopsia**  
464646

**Achromatomaly**  
55376A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E1EAA 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 #6E1EAA looks like.

```
.text, #text, p{  
    color:#6E1EAA  
}
```

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 #6E1EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E1EAA
}
```

## Border

The CSS property to change the border of an element to Hex 6E1EAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

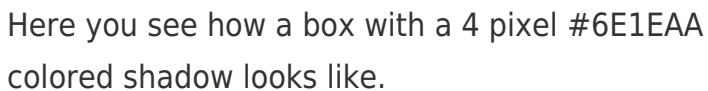
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E1EAA }
```

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

```
.border{ border-color:#6E1EAA }
```

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



Here you see how a box with a 4 pixel #6E1EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E1EAA; -webkit-box-shadow:4px 4px  
4px 4px #6E1EAA; box-shadow:4px 4px 4px  
4px #6E1EAA }
```

# Background

The CSS property to change the background color of an element to Hex 6E1EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E1EAA }
```

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

```
.background{ background-color:#6E1EAA }
```

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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