

# Converting Colors

Hex(6E34AA)

Have a look what the booklet for  
Hex(6E34AA) contains.

<b>Hex(6E34AA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6E34AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E34AA
RGB	110, 52, 170
RGB Percent	43%, 20%, 67%
CMY	0.5686, 0.7961, 0.3333
CMYK	0.35, 0.69, 0.00, 0.33
HSL	269°, 53%, 44%
HSV	269°, 69%, 67%
XYZ	14.9141, 8.6733, 38.9183
YIQ	82.7940, -3.3100, 48.9940

# Conversions

## Conversions Part 2

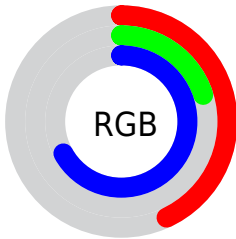
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 52, 170
Decimal	7222442
CIE <sub>Lab</sub>	35.35, 48.36, -53.41
CIE <sub>LCh</sub>	35, 72.048, 312.161
Yxy	8.6733, 0.2386, 0.1388
Android (android.graphics.Color)	4285412522 (0xFF6E34AA)
YUV	82.7940, 42.9926, 23.8597
Hunter-Lab	29.4504, 38.8567, -57.7356

# Details

The Hex color **6E34AA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70AA34**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **A667E2**, and **370075** is the 20% darker color. If you saturate the color by 10%, you get **6523AA**, and if you desaturate by 10%, it is **7745AA**.

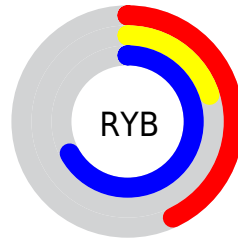
# Distribution



Red (43%)

Green (20%)

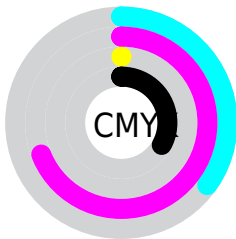
Blue (67%)



Red (43%)

Yellow (20%)

Blue (67%)

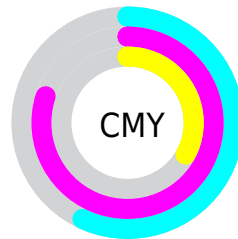


Cyan (35%)

Magenta (69%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (80%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E34AA 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 6E34AA by changing the saturation by 10% instead.



6E34AA

6E34AA

FFFFFF

531A8F

A667E2

370075

C281FF

18005B

E09CFF

000043

FDB8FF

00032C

FFD4FF

000116

FFF0FF

000000

6E34AA

6E34AA

6523AA

7745AA

■ 5D12AA

■ 7F56AA

■ 5401AA

■ 8867AA

■ 5400AA

■ 9178AA

■ 9989AA

■ A29AAA

■ ABABAA

■ B3BCAA

■ BCCDAA

# Harmonies

## Analogous

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



0054C6



6E34AA



A50078

# Triad

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



6E34AA



824300



006A6A

# Complementary

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



6E34AA



70AA34

# 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.



00682D



6E34AA



515800

# Square

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



6E34AA



A41A01



006300



0069A0

# Rectangle

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



6E34AA



B20052



006300



006956



# Sweetspot

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



6E34AA



C6AFDE



3471AA



625470



F0F0F0



707070



# Same Dimension

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



6E34AA



8026DE



A834AA



504C54



490094



0A0014



# Inverse Universe

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



AA3470



DE2683



36AA34



544C50



94004B



14000A



# Previews

## White Background



This preview shows how the Hex color 6E34AA looks on a white background.

## Color Contrast Check

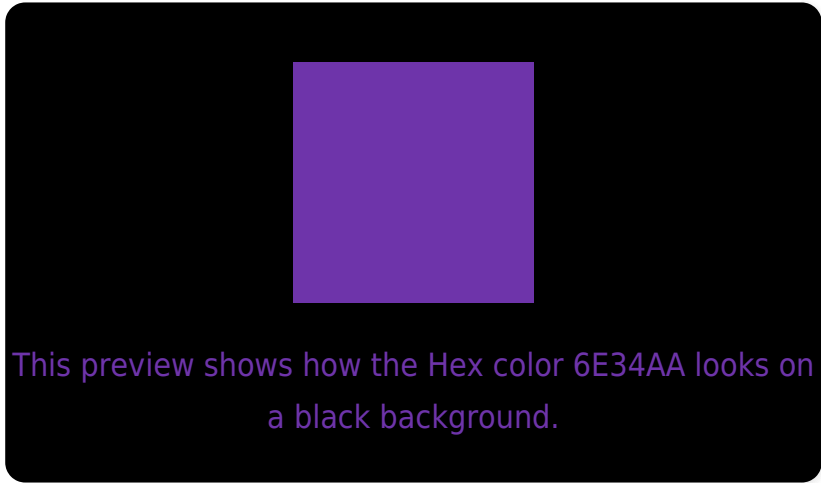
Large Text (above 18pt) WCAG AA ✓ Pass

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

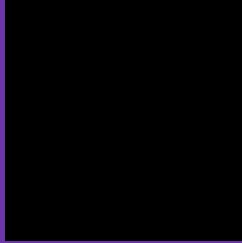
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E34AA Background



This preview shows how black text looks on a background with the Hex color 6E34AA.



This preview shows how white text looks on a background with the Hex color 6E34AA.

# 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**  
6E34AA

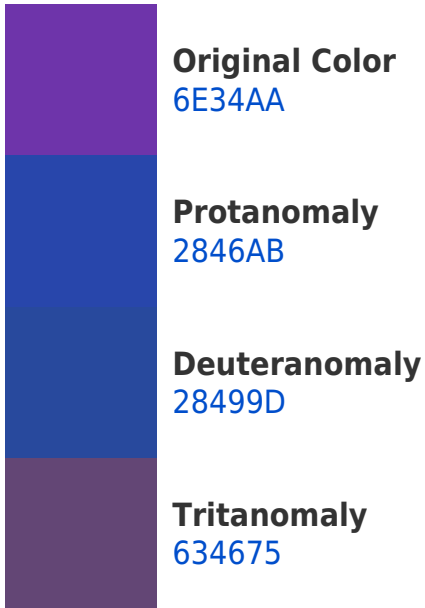
**Protanopia**  
0051AB

**Deuteranopia**  
005595

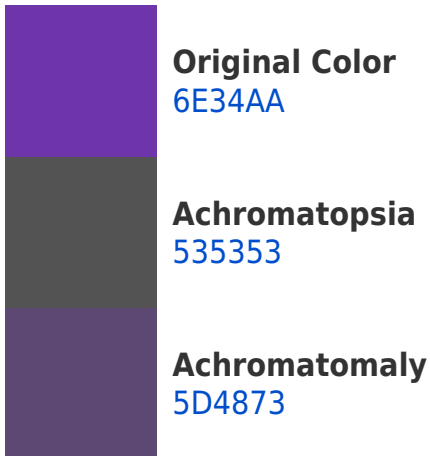


**Tritanopia**  
5D5056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E34AA 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 #6E34AA looks like.

```
.text, #text, p{  
    color:#6E34AA  
}
```

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 #6E34AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E34AA
}
```

## Border

The CSS property to change the border of an element to Hex 6E34AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

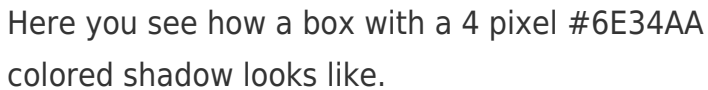
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E34AA }
```

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

```
.border{ border-color:#6E34AA }
```

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



Here you see how a box with a 4 pixel #6E34AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E34AA; -webkit-box-shadow:4px 4px  
4px 4px #6E34AA; box-shadow:4px 4px 4px  
4px #6E34AA }
```

# Background

The CSS property to change the background color of an element to Hex 6E34AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E34AA }
```

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

```
.background{ background-color:#6E34AA }
```

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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