

# Converting Colors

Hex(6E0185)

Have a look what the booklet for  
Hex(6E0185) contains.

<b>Hex(6E0185)</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(6E0185)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E0185
RGB	110, 1, 133
RGB Percent	43%, 0%, 52%
CMY	0.5686, 0.9961, 0.4784
CMYK	0.17, 0.99, 0.00, 0.48
HSL	290°, 99%, 26%
HSV	290°, 99%, 52%
XYZ	10.6749, 5.0302, 22.5986
YIQ	48.6390, 22.5920, 64.1600

# Conversions

## Conversions Part 2

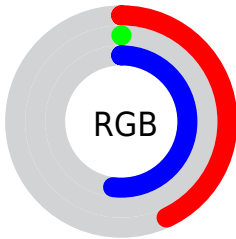
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 1, 133
Decimal	7209349
CIE <sub>Lab</sub>	26.82, 56.67, -44.59
CIE <sub>LCh</sub>	27, 72.104, 321.804
Yxy	5.0302, 0.2787, 0.1313
Android (android.graphics.Color)	4285399429 (0xFF6E0185)
YUV	48.6390, 41.5900, 53.8136
Hunter-Lab	22.4280, 45.7103, -44.0413

# Details

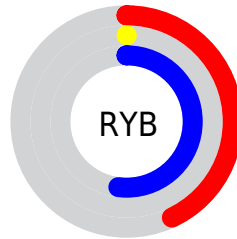
The Hex color **6E0185** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **188501**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **A545BB**, and **380052** is the 20% darker color. If you saturate the color by 10%, you get **6E0085**, and if you desaturate by 10%, it is **700E85**.

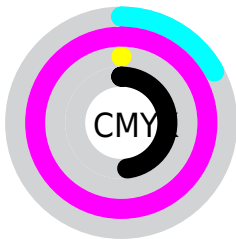
# Distribution



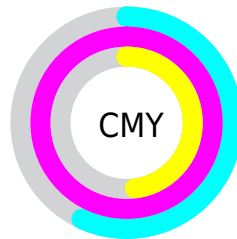
- Red (43%)
- Green (0%)
- Blue (52%)



- Red (43%)
- Yellow (0%)
- Blue (52%)



- Cyan (17%)
- Magenta (99%)
- Yellow (0%)
- Black (48%)



- Cyan (57%)
- Magenta (100%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E0185 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 6E0185 by changing the saturation by 10% instead.



6E0185

6E0185

FFFFFF

53006B

A545BB

380052

C260D7

20003B

DF7BF4

000224

FD97FF

00000B

FFB2FF

000000

FFCFFF

FFECFF

6E0185

6E0185

■ 6E0085

■ 700E85

■ 731C85

■ 752985

■ 773685

■ 7A4485

■ 7C5185

■ 7E5E85

■ 816B85

■ 837985

# Harmonies

## Analogous

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



0039A9



6E0185



940051

# Triad

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



6E0185



5B3800



005467

# Complementary

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



6E0185



188501

# 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.



00522E



6E0185



264800

# Square

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



6E0185



811100



004F00



005397

# Rectangle

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



6E0185



99002D



004F00



005355



# Sweetspot

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



6E0185



A479AD



011985



513757



D6D6D6



575757



# Same Dimension

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



6E0185



8F00AD



85015B



413C42



6B0082



020003



# Inverse Universe

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



850118



AD001E



01852B



423C3D



820017



030000



# Previews

## White Background



This preview shows how the Hex color 6E0185 looks on a white background.

## Color Contrast Check

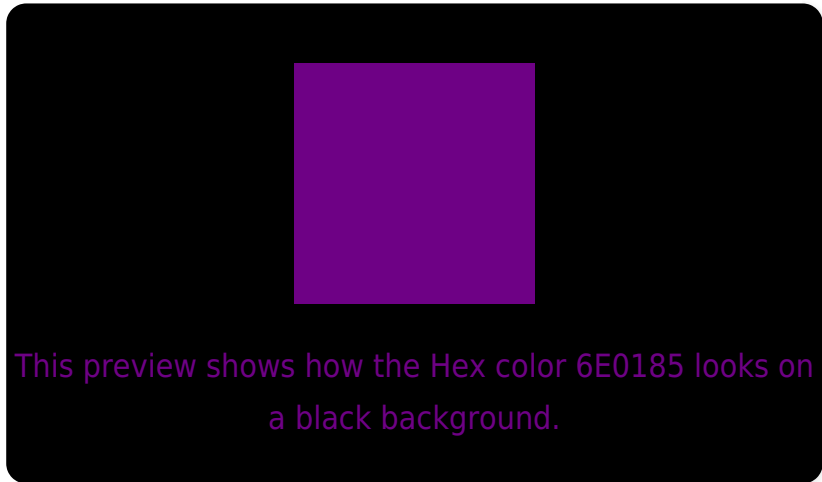
Large Text (above 18pt) WCAG AA ✓ Pass

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

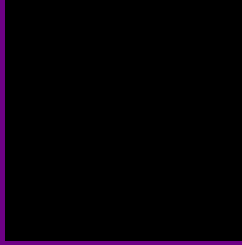
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E0185 Background



This preview shows how black text looks on a background with the Hex color 6E0185.

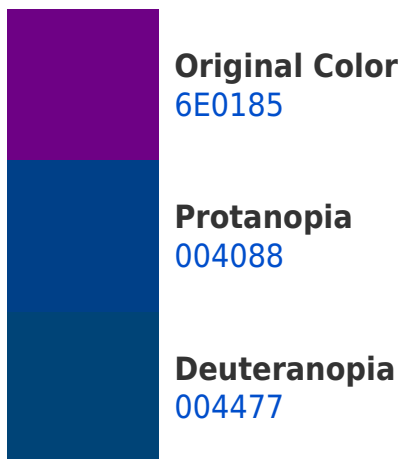



This preview shows how white text looks on a background with the Hex color 6E0185.

# 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](#).

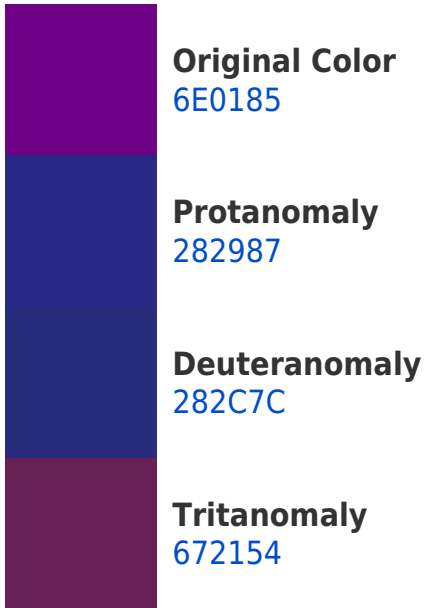
## Dichromacy



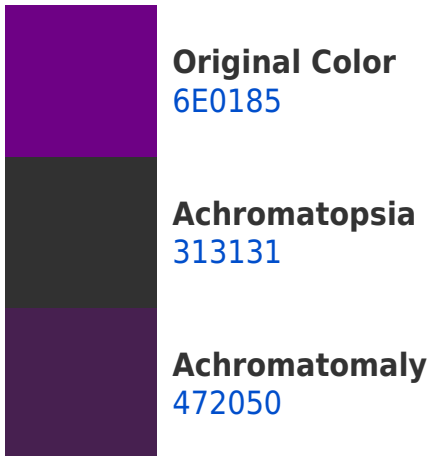


**Tritanopia**  
633438

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E0185 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 #6E0185 looks like.

```
.text, #text, p{  
    color:#6E0185  
}
```

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 #6E0185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0185
}
```

## Border

The CSS property to change the border of an element to Hex 6E0185 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
#6E0185 }
```

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

```
.border{ border-color:#6E0185 }
```

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

Here you see how a box with a 4 pixel #6E0185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0185; -webkit-box-shadow:4px 4px  
4px 4px #6E0185; box-shadow:4px 4px 4px  
4px #6E0185 }
```

# Background

The CSS property to change the background color of an element to Hex 6E0185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0185 }
```

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

```
.background{ background-color:#6E0185 }
```

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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