

# Converting Colors

Hex(6E0453)

Have a look what the booklet for  
Hex(6E0453) contains.

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# Color

**Hex(6E0453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E0453
RGB	110, 4, 83
RGB Percent	43%, 2%, 33%
CMY	0.5686, 0.9843, 0.6745
CMYK	0.00, 0.96, 0.25, 0.57
HSL	315°, 93%, 22%
HSV	315°, 96%, 43%
XYZ	8.0352, 4.0264, 8.5373
YIQ	44.7000, 37.8170, 47.0410

# Conversions

## Conversions Part 2

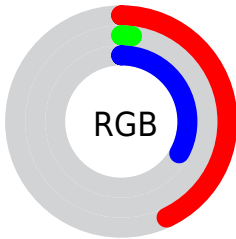
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	110, 4, 83
Decimal	7210067
CIE <sub>Lab</sub>	23.76, 48.07, -17.05
CIE <sub>LCh</sub>	24, 51.006, 340.468
Yxy	4.0264, 0.3901, 0.1955
Android (android.graphics.Color)	4285400147 (0xFF6E0453)
YUV	44.7000, 18.8819, 57.2681
Hunter-Lab	20.0658, 36.3635, -11.1797




# Details

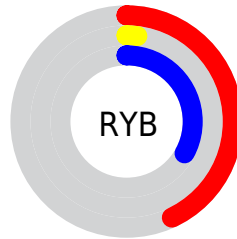
The Hex color **6E0453** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **046E1F**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **A54385**, and **3A0026** is the 20% darker color. If you saturate the color by 10%, you get **6E0052**, and if you desaturate by 10%, it is **6E0F56**.

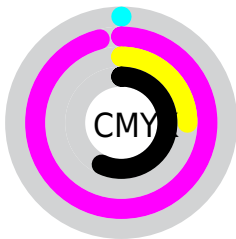
# Distribution







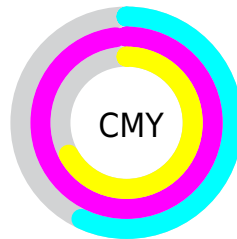
-  Red (43%)
-  Green (2%)
-  Blue (33%)






-  Red (43%)
-  Yellow (2%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (96%)
-  Yellow (25%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (98%)
-  Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E0453 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 6E0453 by changing the saturation by 10% instead.



6E0453

6E0453

FFFFFF

53003C

A54385

3A0026

C15D9F

20000F

DE78BA

000000

FC93D6

FFAFF2

FFCBFF

FFE8FF

6E0453

6E0453

■ 6E0052

■ 6E0F56

■ 6E1A59

■ 6E255B

■ 6E305E

■ 6E3B61

■ 6E4664

■ 6E5167

■ 6E5C69

■ 6E676C

# Harmonies

## Analogous

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



482674



6E0453



79002D

# Triad

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



6E0453



3B3B00



00486A

# Complementary

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



6E0453



046E1F

# 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.



004845



6E0453



084300

# Square

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



6E0453



5A2D00



00471D



004482

# Rectangle

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



6E0453



750814



00471D



00485F



# Sweetspot

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



6E0453



8F6584



1F046E



472E41



C7C7C7



474747



# Same Dimension

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



6E0453



8F006A



6E041F



383237



780059



F700B8



# Inverse Universe

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



6E0453



8F006A



046E54



383237



780059

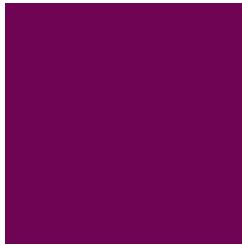


F700B8



# Previews

## White Background



This preview shows how the Hex color 6E0453 looks on a white background.

## Color Contrast Check

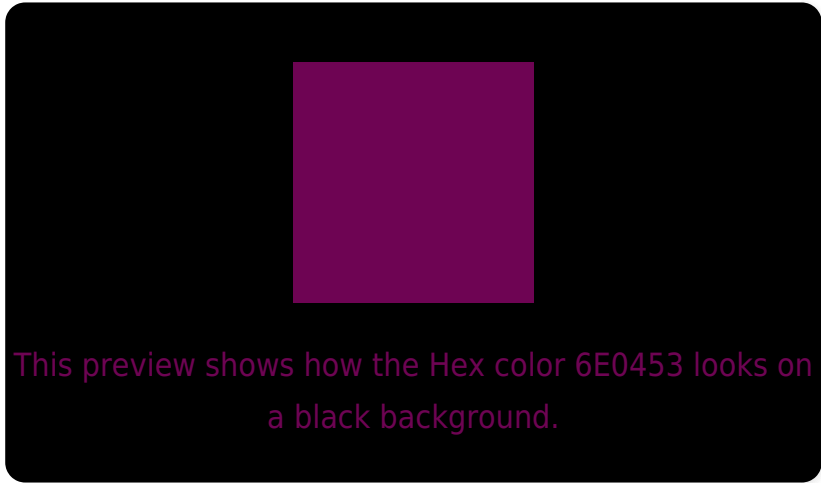
Large Text (above 18pt) WCAG AA ✓ Pass

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

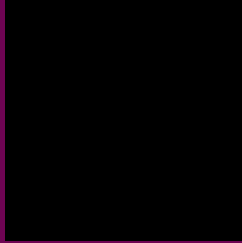
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E0453 Background



This preview shows how black text looks on a background with the Hex color 6E0453.



This preview shows how white text looks on a background with the Hex color 6E0453.

# 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





# Trichromacy



**Original Color**  
6E0453

**Protanomaly**  
362669

**Deuteranomaly**  
4C2750

**Tritanomaly**  
6B1634

# Monochromacy



**Original Color**  
6E0453

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
451E3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E0453 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 #6E0453 looks like.

```
.text, #text, p{  
    color:#6E0453  
}
```

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 #6E0453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0453
}
```

## Border

The CSS property to change the border of an element to Hex 6E0453 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".

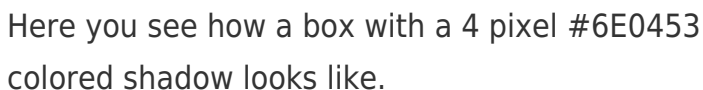
```
.border, #border, table{ border:4px solid
#6E0453 }
```

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

```
.border{ border-color:#6E0453 }
```

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

Here you see how a box with a 4 pixel #6E0453 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0453; -webkit-box-shadow:4px 4px  
4px 4px #6E0453; box-shadow:4px 4px 4px  
4px #6E0453 }
```

# Background

The CSS property to change the background color of an element to Hex 6E0453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0453 }
```

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

```
.background{ background-color:#6E0453 }
```

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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