

# Converting Colors

Hex(6E0648)

Have a look what the booklet for  
Hex(6E0648) contains.

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**Color**

**Hex(6E0648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E0648
RGB	110, 6, 72
RGB Percent	43%, 2%, 28%
CMY	0.5686, 0.9765, 0.7176
CMYK	0.00, 0.95, 0.35, 0.57
HSL	322°, 90%, 23%
HSV	322°, 95%, 43%
XYZ	7.6652, 3.9131, 6.4822
YIQ	44.6200, 40.7980, 42.5740

# Conversions

## Conversions Part 2

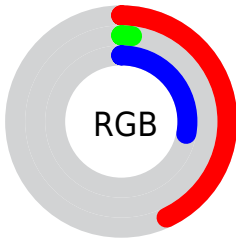
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 6, 72
Decimal	7210568
CIELab	23.38, 46.27, -10.19
CIElCh	23, 47.381, 347.576
Yxy	3.9131, 0.4244, 0.2167
Android (android.graphics.Color)	4285400648 (0xFF6E0648)
YUV	44.6200, 13.4983, 57.3383
Hunter-Lab	19.7816, 34.5496, -5.5815




# Details

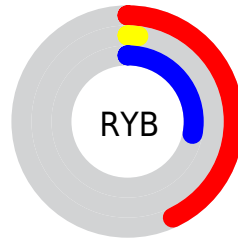
The Hex color **6E0648** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **066E2C**, and the grayscale version is **2C2C2C**.




A 20% lighter version of the original color is **A54379**, and **3A001D** is the 20% darker color. If you saturate the color by 10%, you get **6E0046**, and if you desaturate by 10%, it is **6E114C**.

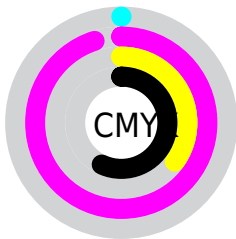
# Distribution







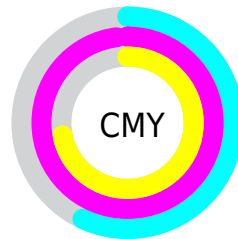
-  Red (43%)
-  Green (2%)
-  Blue (28%)






-  Red (43%)
-  Yellow (2%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (95%)
-  Yellow (35%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (98%)
-  Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E0648 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 6E0648 by changing the saturation by 10% instead.



 6E0648

 6E0648

FFFFFF

 530031

 A54379

 3A001D

 C25D92

 1F0001

 DF78AD

 000000

 FC93C8

 FFAEE4

 FFCBFF

 FFE7FF

 6E0648

 6E0648

■ 6E0046

■ 6E114C

■ 6E1C50

■ 6E2754

■ 6E3258

■ 6E3D5C

■ 6E4860

■ 6E5364

■ 6E5E68

■ 6E696C

# Harmonies

## Analogous

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



522268



6E0648



740425

# Triad

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



6E0648



323C00



00456C

# Complementary

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



6E0648



066E2C

# 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.



00474C



6E0648



004300

# Square

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



6E0648



523100



004627



00407E

# Rectangle

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



6E0648



6E160E



004627



004663



# Sweetspot

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



6E0648



8F6780



2A066E



472F3F



C7C7C7



474747



# Same Dimension

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



6E0648



8F005B



6E0616



383236



78004C



F7009D



# Inverse Universe

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



6E0648



8F005B



066E5E



383236



78004C

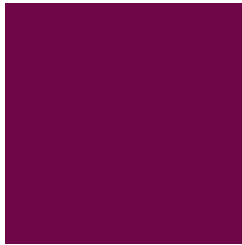


F7009D



# Previews

## White Background



This preview shows how the Hex color 6E0648 looks on a white background.

## Color Contrast Check

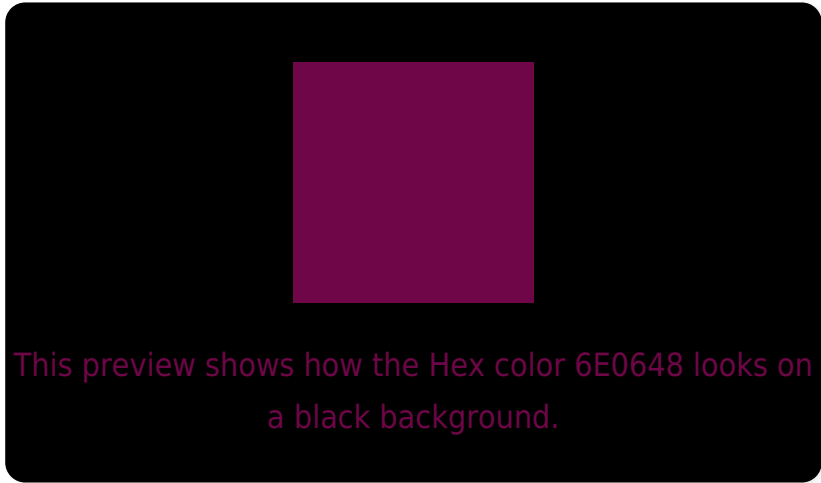
Large Text (above 18pt) WCAG AA ✓ Pass

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

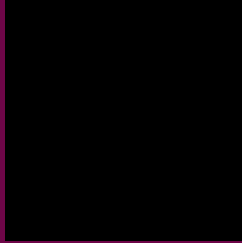
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E0648 Background



This preview shows how black text looks on a background with the Hex color 6E0648.



This preview shows how white text looks on a background with the Hex color 6E0648.

# 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**  
6B1D1E

# Trichromacy



**Original Color**  
6E0648

**Protanomaly**  
40265C

**Deuteranomaly**  
4E2645

**Tritanomaly**  
6C152D

# Monochromacy



**Original Color**  
6E0648

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
451F37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E0648 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 #6E0648 looks like.

```
.text, #text, p{  
    color:#6E0648  
}
```

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 #6E0648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0648  
}
```

## Border

The CSS property to change the border of an element to Hex 6E0648 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".

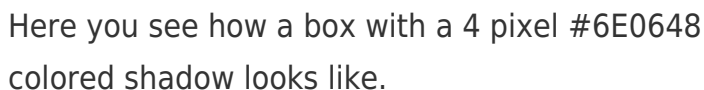
```
.border, #border, table{ border:4px solid  
#6E0648 }
```

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

```
.border{ border-color:#6E0648 }
```

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

Here you see how a box with a 4 pixel #6E0648 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 #6E0648; -webkit-box-shadow:4px 4px  
4px 4px #6E0648; box-shadow:4px 4px 4px  
4px #6E0648 }
```

# Background

The CSS property to change the background color of an element to Hex 6E0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0648 }
```

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

```
.background{ background-color:#6E0648 }
```

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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