

# Converting Colors

Hex(6C0073)

Have a look what the booklet for  
Hex(6C0073) contains.

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**Color**

**Hex(6C0073)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C0073
RGB	108, 0, 115
RGB Percent	42%, 0%, 45%
CMY	0.5765, 1.0000, 0.5490
CMYK	0.06, 1.00, 0.00, 0.55
HSL	296°, 100%, 23%
HSV	296°, 100%, 45%
XYZ	9.2789, 4.4259, 16.5849
YIQ	45.4020, 27.4530, 58.6610

# Conversions

## Conversions Part 2

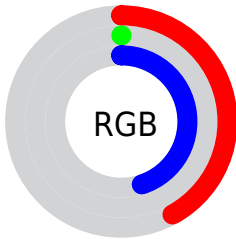
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 0, 115
Decimal	7078003
CIE <sub>Lab</sub>	25.03, 53.36, -36.07
CIE <sub>LCh</sub>	25, 64.407, 325.947
Yxy	4.4259, 0.3063, 0.1461
Android (android.graphics.Color)	4285268083 (0xFF6C0073)
YUV	45.4020, 34.3118, 54.8984
Hunter-Lab	21.0379, 41.9116, -32.0137

# Details

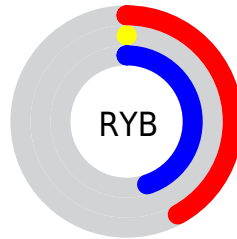
The Hex color **6C0073** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **077300**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A343A8**, and **380042** is the 20% darker color. If you saturate the color by 10%, you get **6C0073**, and if you desaturate by 10%, it is **6D0B73**.

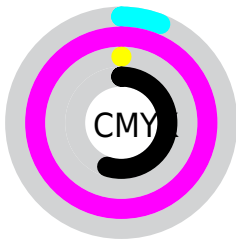
# Distribution



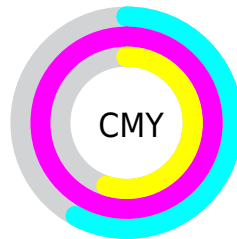
- Red (42%)
- Green (0%)
- Blue (45%)



- Red (42%)
- Yellow (0%)
- Blue (45%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C0073 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 6C0073 by changing the saturation by 10% instead.



 6C0073

 6C0073

FFFFFF

 51005A

 A343A8

 380042

 BF5EC3

 1F002B

 DC78DF

 000115

 F994FC

 000000

 FFAFFF

 FFCCFF

 FFE9FF

 6C0073

 6D0B73

 6D1773

 6E2373

 6F2E73

 703A73

 704573

 715173

 725C73

 726873

# Harmonies

## Analogous

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



003295



6C0073



890044

# Triad

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



6C0073



4F3800



004E65

# Complementary

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



6C0073



077300

# 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.



004D33



6C0073



1E4500

# Square

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



6C0073



721C00



004A00



004D8D

# Rectangle

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



6C0073



8B0025



004A00



004E55



# Sweetspot

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



6C0073



946996



000873



4B314D



CCCCCC



4D4D4D



# Same Dimension

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



6C0073



8D0096



730041



3A353B



73007A



EB00FA



# Inverse Universe

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



730007



960009



007332



3B3535



7A0007



FA000F



# Previews

## White Background



This preview shows how the Hex color 6C0073 looks on a white background.

## Color Contrast Check

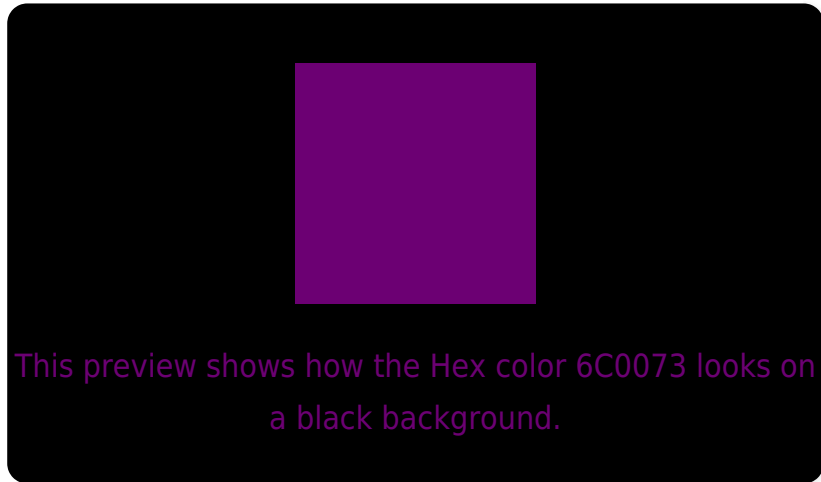
Large Text (above 18pt) WCAG AA ✓ Pass

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

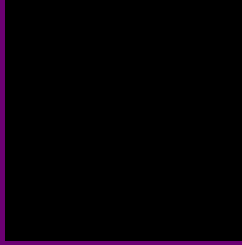
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C0073 Background



This preview shows how black text looks on a background with the Hex color 6C0073.



This preview shows how white text looks on a background with the Hex color 6C0073.

# 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**  
642D30

# Trichromacy



**Original Color**  
6C0073



**Protanomaly**  
27277B



**Deuteranomaly**  
39296F



**Tritanomaly**  
671D48

# Monochromacy



**Original Color**  
6C0073



**Achromatopsia**  
2D2D2D



**Achromatomaly**  
441D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C0073 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 #6C0073 looks like.

```
.text, #text, p{  
    color:#6C0073  
}
```

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 #6C0073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C0073  
}
```

## Border

The CSS property to change the border of an element to Hex 6C0073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

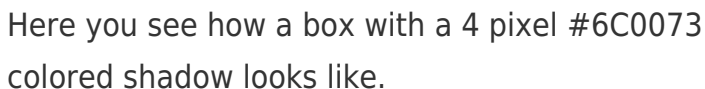
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6C0073 }
```

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

```
.border{ border-color:#6C0073 }
```

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



Here you see how a box with a 4 pixel #6C0073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C0073; -webkit-box-shadow:4px 4px  
4px 4px #6C0073; box-shadow:4px 4px 4px  
4px #6C0073 }
```

# Background

The CSS property to change the background color of an element to Hex 6C0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C0073 }
```

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

```
.background{ background-color:#6C0073 }
```

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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