

# Converting Colors

Hex(6C0382)

Have a look what the booklet for  
Hex(6C0382) contains.

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# Color

**Hex(6C0382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C0382
RGB	108, 3, 130
RGB Percent	42%, 1%, 51%
CMY	0.5765, 0.9882, 0.4902
CMYK	0.17, 0.98, 0.00, 0.49
HSL	290°, 95%, 26%
HSV	290°, 98%, 51%
XYZ	10.2462, 4.8650, 21.5181
YIQ	48.8730, 21.8130, 61.7570

# Conversions

## Conversions Part 2

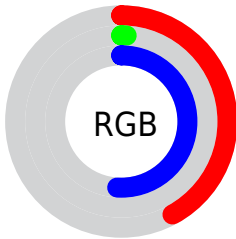
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 3, 130
Decimal	7078786
CIE <sub>Lab</sub>	26.35, 55.44, -43.48
CIE <sub>LCh</sub>	26, 70.456, 321.889
Yxy	4.8650, 0.2797, 0.1328
Android (android.graphics.Color)	4285268866 (0xFF6C0382)
YUV	48.8730, 39.9956, 51.8544
Hunter-Lab	22.0567, 44.3208, -42.4025

# Details

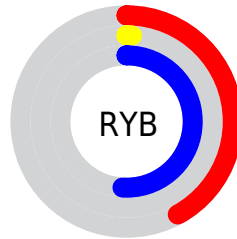
The Hex color **6C0382** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **198203**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **A345B8**, and **370050** is the 20% darker color. If you saturate the color by 10%, you get **6B0082**, and if you desaturate by 10%, it is **6E1082**.

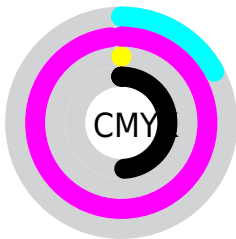
# Distribution



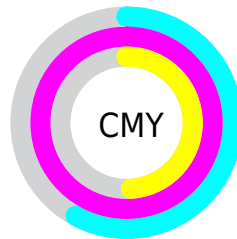
- Red (42%)
- Green (1%)
- Blue (51%)



- Red (42%)
- Yellow (1%)
- Blue (51%)



- Cyan (17%)
- Magenta (98%)
- Yellow (0%)
- Black (49%)



- Cyan (58%)
- Magenta (99%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C0382 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 6C0382 by changing the saturation by 10% instead.



6C0382

6C0382

FFFFFF

510068

A345B8

370050

C060D4

1E0038

DD7BF0

000221

FA96FF

000007

FFB2FF

000000

FFCFFF

FFECFF

6C0382

6C0382

■ 6B0082

■ 6E1082

■ 711D82

■ 732A82

■ 753782

■ 774482

■ 7A5182

■ 7C5E82

■ 7E6B82

■ 807882

# Harmonies

## Analogous

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



0038A5



6C0382



91004F

# Triad

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



6C0382



593700



005266

# Complementary

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



6C0382



198203

# 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.



00512D



6C0382



264700

# Square

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



6C0382



7E1200



004E00



005294

# Rectangle

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



6C0382



96002C



004E00



005253



# Sweetspot

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



6C0382



A077A8



031A82



4F3754



D4D4D4



545454



# Same Dimension

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



6C0382



8B00A8



82035A



3F3940



690080



000000



# Inverse Universe

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



820319



A8001D



03822B



40393A



800016



000000



# Previews

## White Background



This preview shows how the Hex color 6C0382 looks on a white background.

## Color Contrast Check

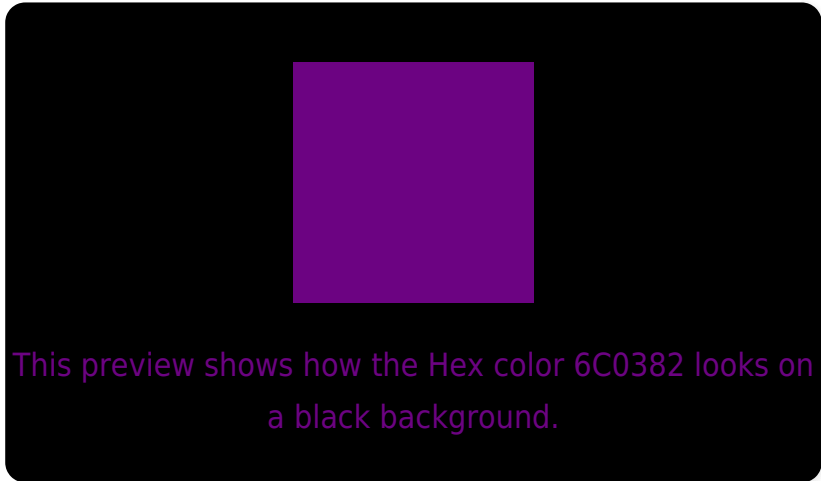
Large Text (above 18pt) WCAG AA ✓ Pass

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

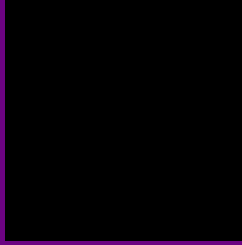
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C0382 Background



This preview shows how black text looks on a background with the Hex color 6C0382.



This preview shows how white text looks on a background with the Hex color 6C0382.

# 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**  
6C0382

**Protanopia**  
003F85

**Deuteranopia**  
004375



**Tritanopia**  
623337

# Trichromacy



**Original Color**  
6C0382

**Protanomaly**  
272984

**Deuteranomaly**  
272C7A

**Tritanomaly**  
662252

# Monochromacy



**Original Color**  
6C0382

**Achromatopsia**  
313131

**Achromatomaly**  
46204E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C0382 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 #6C0382 looks like.

```
.text, #text, p{  
    color:#6C0382  
}
```

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 #6C0382 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C0382
}
```

## Border

The CSS property to change the border of an element to Hex 6C0382 is called "border". The border property can be set on classes, ids or directly on the HTML element.

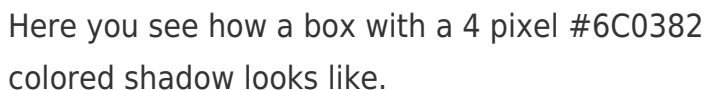
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C0382 }
```

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

```
.border{ border-color:#6C0382 }
```

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



Here you see how a box with a 4 pixel #6C0382 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C0382; -webkit-box-shadow:4px 4px  
4px 4px #6C0382; box-shadow:4px 4px 4px  
4px #6C0382 }
```

# Background

The CSS property to change the background color of an element to Hex 6C0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C0382 }
```

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

```
.background{ background-color:#6C0382 }
```

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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