

# Converting Colors

Hex(6C247E)

Have a look what the booklet for  
Hex(6C247E) contains.

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# Color

**Hex(6C247E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C247E
RGB	108, 36, 126
RGB Percent	42%, 14%, 49%
CMY	0.5765, 0.8588, 0.5059
CMYK	0.14, 0.71, 0.00, 0.51
HSL	288°, 56%, 32%
HSV	288°, 71%, 49%
XYZ	10.5811, 5.9563, 20.3306
YIQ	67.7880, 14.0220, 43.2540

# Conversions

## Conversions Part 2

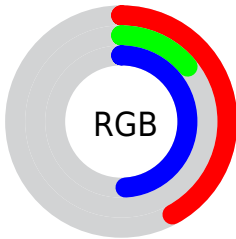
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 36, 126
Decimal	7087230
CIE <sub>Lab</sub>	29.30, 45.26, -36.21
CIE <sub>LCh</sub>	29, 57.962, 321.343
Yxy	5.9563, 0.2870, 0.1616
Android (android.graphics.Color)	4285277310 (0xFF6C247E)
YUV	67.7880, 28.6985, 35.2659
Hunter-Lab	24.4054, 34.6801, -32.3070

# Details

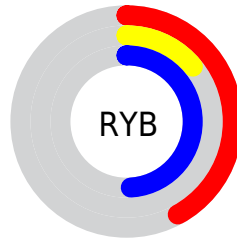
The Hex color **6C247E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **367E24**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A257B3**, and **38004C** is the 20% darker color. If you saturate the color by 10%, you get **69177E**, and if you desaturate by 10%, it is **6F317E**.

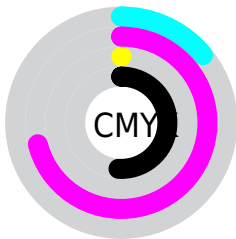
# Distribution



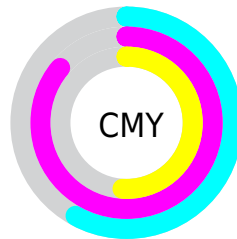
- Red (42%)
- Green (14%)
- Blue (49%)



- Red (42%)
- Yellow (14%)
- Blue (49%)



- Cyan (14%)
- Magenta (71%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (86%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C247E 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 6C247E by changing the saturation by 10% instead.



6C247E

6C247E

FFFFFF

520465

A257B3

38004C

BE71CF

240035

DB8CEB

00021F

F8A7FF

000001

FFC3FF

000000

FFDFFF

FFFCFF

6C247E

6C247E

69177E

6F317E

670B7E

713D7E

65007E

744A7E

76567E

79637E

7B707E

7E7C7E

80897E

83957E

# Harmonies

## Analogous

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



053F9A



6C247E



8C0054

# Triad

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



6C247E



603F00



005865

# Complementary

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



6C247E



367E24

# 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.



005736



6C247E



374C00

# Square

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



6C247E



7F2700



005300



00568B

# Rectangle

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



6C247E



910036



005300



005756



# Sweetspot

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



6C247E



9C81A3



24367E



4E3D52



D1D1D1



525252



# Same Dimension

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



6C247E



8717A3



7E2463



3E3940



660080



000000



# Inverse Universe

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



7E2436



A31733



247E3F



40393B



800019

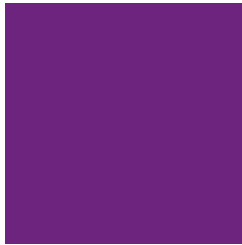


000000



# Previews

## White Background



This preview shows how the Hex color 6C247E looks on a white background.

## Color Contrast Check

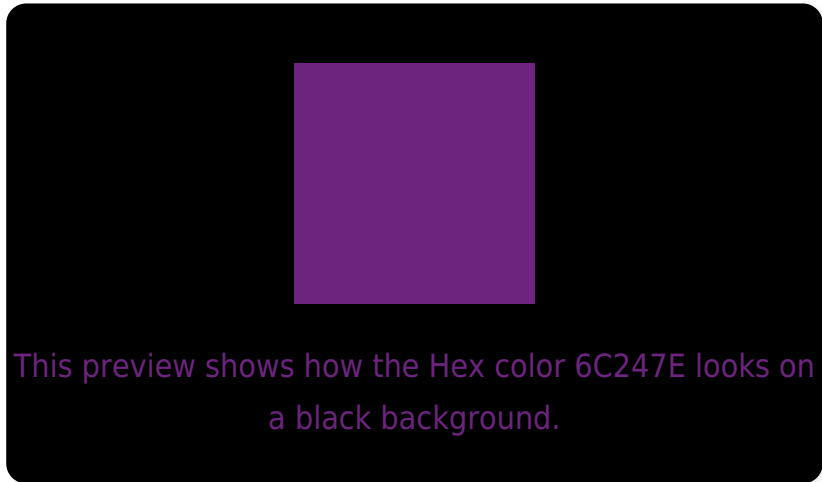
Large Text (above 18pt) WCAG AA ✓ Pass

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

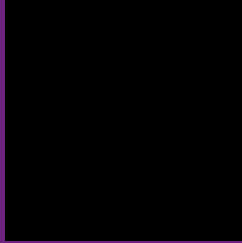
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C247E Background



This preview shows how black text looks on a background with the Hex color 6C247E.



This preview shows how white text looks on a background with the Hex color 6C247E.

# 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**  
6C247E

**Protanopia**  
00448F

**Deuteranopia**  
214778



**Tritanopia**  
633A3E

# Trichromacy



**Original Color**  
6C247E



**Protanomaly**  
273889



**Deuteranomaly**  
3C3A7A



**Tritanomaly**  
663255

# Monochromacy



**Original Color**  
6C247E



**Achromatopsia**  
444444



**Achromatomaly**  
533859

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C247E 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 #6C247E looks like.

```
.text, #text, p{  
    color:#6C247E  
}
```

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 #6C247E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C247E
}
```

## Border

The CSS property to change the border of an element to Hex 6C247E is called "border". The border property can be set on classes, ids or directly on the HTML element.

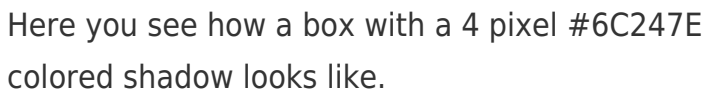
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C247E }
```

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

```
.border{ border-color:#6C247E }
```

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



Here you see how a box with a 4 pixel #6C247E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C247E; -webkit-box-shadow:4px 4px  
4px 4px #6C247E; box-shadow:4px 4px 4px  
4px #6C247E }
```

# Background

The CSS property to change the background color of an element to Hex 6C247E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C247E }
```

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

```
.background{ background-color:#6C247E }
```

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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