

# Converting Colors

Hex(6B367C)

Have a look what the booklet for  
Hex(6B367C) contains.

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# Color

**Hex(6B367C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B367C
RGB	107, 54, 124
RGB Percent	42%, 21%, 49%
CMY	0.5804, 0.7882, 0.5137
CMYK	0.14, 0.56, 0.00, 0.51
HSL	285°, 39%, 35%
HSV	285°, 56%, 49%
XYZ	11.0207, 7.2194, 19.8814
YIQ	77.8270, 9.1180, 33.0060

# Conversions

## Conversions Part 2

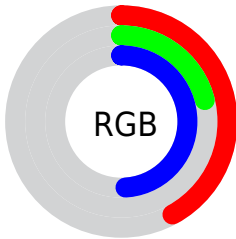
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 54, 124
Decimal	7026300
CIE <sub>Lab</sub>	32.30, 35.62, -30.19
CIE <sub>LCh</sub>	32, 46.690, 319.720
Y <sub>xy</sub>	7.2194, 0.2891, 0.1894
Android (android.graphics.Color)	4285216380 (0xFF6B367C)
YUV	77.8270, 22.7633, 25.5847
Hunter-Lab	26.8689, 26.1938, -25.0629

# Details

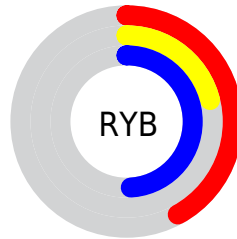
The Hex color **6B367C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **477C36**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A067B1**, and **39044B** is the 20% darker color. If you saturate the color by 10%, you get **682A7C**, and if you desaturate by 10%, it is **6E427C**.

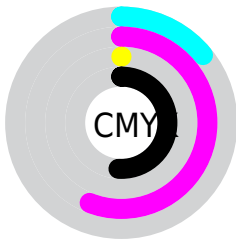
# Distribution



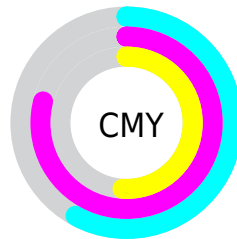
- Red (42%)
- Green (21%)
- Blue (49%)



- Red (42%)
- Yellow (21%)
- Blue (49%)



- Cyan (14%)
- Magenta (56%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (79%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B367C 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 6B367C by changing the saturation by 10% instead.



 6B367C

 6B367C

FFFFFF

 521E63

 A067B1

 39044B

 BC81CD

 230034

 D89CE9

 00001E

 F5B7FF

 000000

 FFD3FF

 FFEFFF

 6B367C

 6B367C

 682A7C

 6E427C

651D7C

714F7C

62117C

745B7C

5F047C

77687C

5E007C

7A747C

7D807C

808D7C

83997C

86A67C

# Harmonies

## Analogous

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



2D4892



6B367C



87255A

# Triad

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



6B367C



674600



005D64

# Complementary

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



6B367C



477C36

# 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.



005C3E



6B367C



465100

# Square

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



6B367C



803513



115818



005A84

# Rectangle

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



6B367C



8D2342



115818



005D57



# Sweetspot

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



6B367C



9A85A1



36477C



4E4152



D1D1D1



525252



# Same Dimension

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



6B367C



8633A1



7C366B



3C373D



5F007D



BF00FC



# Inverse Universe

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



7C3647



A1334E



367C47



3D3739



7D001E

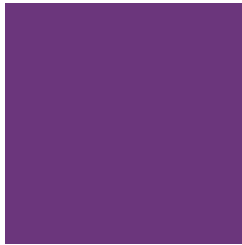


FC003D



# Previews

## White Background



This preview shows how the Hex color 6B367C looks on a white background.

## Color Contrast Check

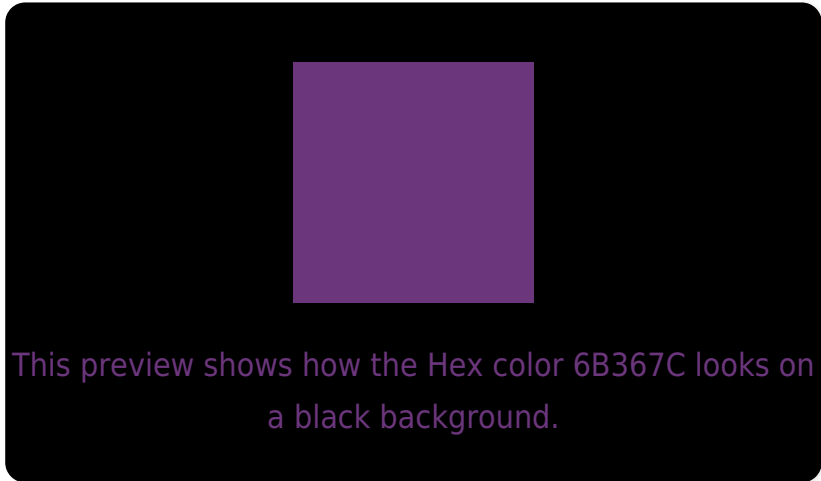
Large Text (above 18pt) WCAG AA ✓ Pass

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

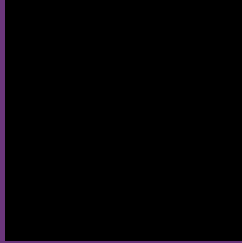
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B367C Background



This preview shows how black text looks on a background with the Hex color 6B367C.

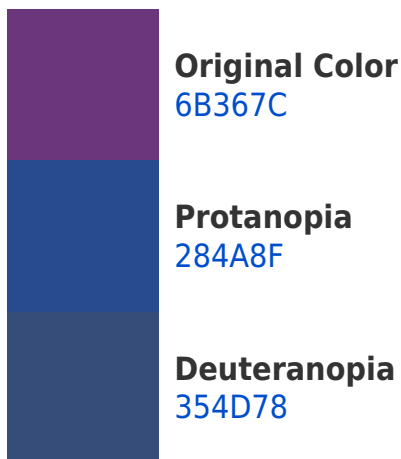


This preview shows how white text looks on a background with the Hex color 6B367C.

# 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**  
644449

# Trichromacy



**Original Color**  
6B367C

**Protanomaly**  
404388

**Deuteranomaly**  
494579

**Tritanomaly**  
673F5C

# Monochromacy



**Original Color**  
6B367C

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
59455F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B367C 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 #6B367C looks like.

```
.text, #text, p{  
    color:#6B367C  
}
```

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 #6B367C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B367C
}
```

## Border

The CSS property to change the border of an element to Hex 6B367C is called "border". The border property can be set on classes, ids or directly on the HTML element.

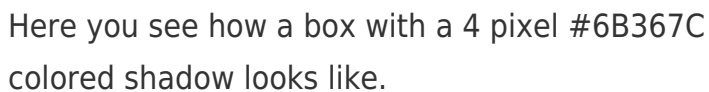
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B367C }
```

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

```
.border{ border-color:#6B367C }
```

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



Here you see how a box with a 4 pixel #6B367C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B367C; -webkit-box-shadow:4px 4px  
4px 4px #6B367C; box-shadow:4px 4px 4px  
4px #6B367C }
```

# Background

The CSS property to change the background color of an element to Hex 6B367C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B367C }
```

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

```
.background{ background-color:#6B367C }
```

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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