

# Converting Colors

Hex(6B0D97)

Have a look what the booklet for  
Hex(6B0D97) contains.

<b>Hex(6B0D97)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(6B0D97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B0D97
RGB	107, 13, 151
RGB Percent	42%, 5%, 59%
CMY	0.5804, 0.9490, 0.4078
CMYK	0.29, 0.91, 0.00, 0.41
HSL	281°, 84%, 32%
HSV	281°, 91%, 59%
XYZ	11.7932, 5.6480, 29.7468
YIQ	56.8380, 11.7260, 62.8460

# Conversions

## Conversions Part 2

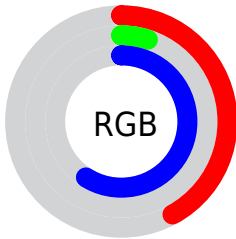
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 13, 151
Decimal	7015831
CIE <sub>Lab</sub>	28.51, 57.55, -53.04
CIE <sub>LCh</sub>	29, 78.260, 317.333
Yxy	5.6480, 0.2499, 0.1197
Android (android.graphics.Color)	4285205911 (0xFF6B0D97)
YUV	56.8380, 46.4219, 43.9921
Hunter-Lab	23.7655, 46.9878, -57.5760

# Details

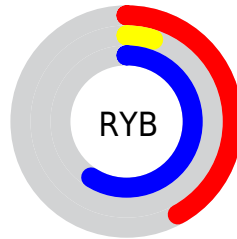
The Hex color **6B0D97** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **39970D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A34ACE**, and **340063** is the 20% darker color. If you saturate the color by 10%, you get **670097**, and if you desaturate by 10%, it is **701C97**.

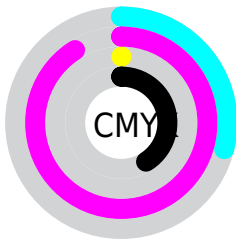
# Distribution



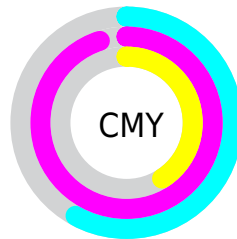
- Red (42%)
- Green (5%)
- Blue (59%)



- Red (42%)
- Yellow (5%)
- Blue (59%)



- Cyan (29%)
- Magenta (91%)
- Yellow (0%)
- Black (41%)



- Cyan (58%)
- Magenta (95%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B0D97 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 6B0D97 by changing the saturation by 10% instead.



6B0D97

6B0D97

FFFFFF

4F007D

A34ACE

340063

C065EB

1A004A

DD80FF

000032

FB9CFF

00021C

FFB8FF

000000

FFD4FF

FFF1FF

6B0D97

6B0D97

670097

701C97

752B97

793A97

7E4997

835997

886897

8D7797

928697

969597

# Harmonies

## Analogous

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



0041BA



6B0D97



9C0060

# Triad

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



6B0D97



683700



005966

# Complementary

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



6B0D97



39970D

# 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.



005726



6B0D97



314B00

# Square

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



6B0D97



8F0000



005400



00599D

# Rectangle

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



6B0D97



A50038



005400



005851



# Sweetspot

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



6B0D97



B38FC4



0D3B97



594463



E3E3E3



636363



# Same Dimension

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



6B0D97



8600C4



970D80



4A454D



60008C



09000D



# Inverse Universe

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



970D39



C4003F



0D9724



4D4547



8C002D



0D0004



# Previews

## White Background



This preview shows how the Hex color 6B0D97 looks on a white background.

## Color Contrast Check

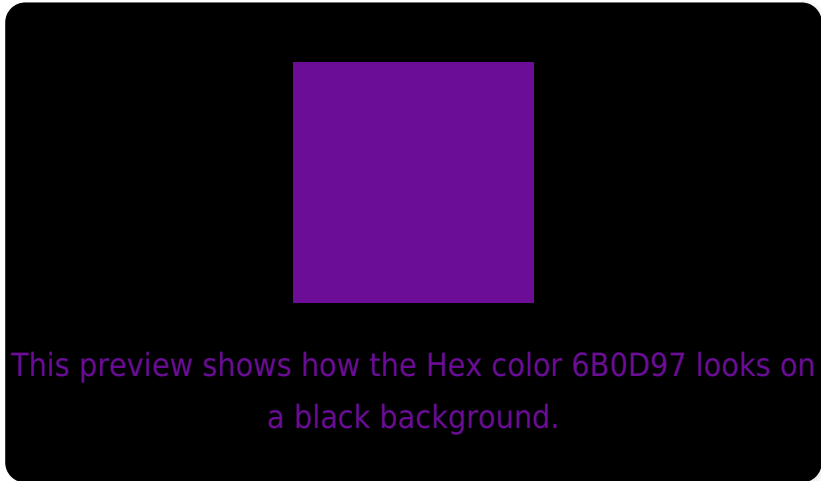
Large Text (above 18pt) WCAG AA ✓ Pass

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

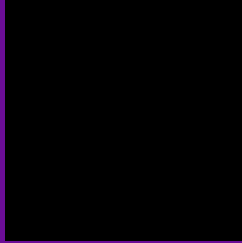
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B0D97 Background



This preview shows how black text looks on a background with the Hex color 6B0D97.



This preview shows how white text looks on a background with the Hex color 6B0D97.

# 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



# Trichromacy



**Original Color**  
6B0D97

**Protanomaly**  
272F91

**Tritanomaly**  
612B60

# Monochromacy



**Original Color**  
6B0D97

**Achromatopsia**  
393939

**Achromatomaly**  
4B295B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B0D97 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 #6B0D97 looks like.

```
.text, #text, p{  
    color:#6B0D97  
}
```

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 #6B0D97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B0D97
}
```

## Border

The CSS property to change the border of an element to Hex 6B0D97 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
#6B0D97 }
```

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

```
.border{ border-color:#6B0D97 }
```

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

Here you see how a box with a 4 pixel #6B0D97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B0D97; -webkit-box-shadow:4px 4px  
4px 4px #6B0D97; box-shadow:4px 4px 4px  
4px #6B0D97 }
```

# Background

The CSS property to change the background color of an element to Hex 6B0D97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B0D97 }
```

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

```
.background{ background-color:#6B0D97 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor