

# Converting Colors

Hex(6A1C9E)

Have a look what the booklet for  
Hex(6A1C9E) contains.

<b>Hex(6A1C9E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A1C9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A1C9E
RGB	106, 28, 158
RGB Percent	42%, 11%, 62%
CMY	0.5843, 0.8902, 0.3804
CMYK	0.33, 0.82, 0.00, 0.38
HSL	276°, 70%, 36%
HSV	276°, 82%, 62%
XYZ	12.5307, 6.3633, 32.9156
YIQ	66.1420, 4.7580, 56.9660

# Conversions

## Conversions Part 2

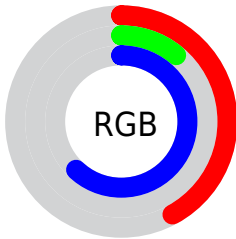
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 28, 158
Decimal	6954142
CIE <sub>Lab</sub>	30.31, 54.86, -54.38
CIE <sub>LCh</sub>	30, 77.246, 315.251
Yxy	6.3633, 0.2419, 0.1228
Android (android.graphics.Color)	4285144222 (0xFF6A1C9E)
YUV	66.1420, 45.2860, 34.9555
Hunter-Lab	25.2256, 44.5241, -59.7065

# Details

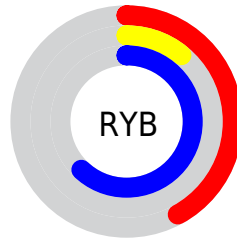
The Hex color **6A1C9E** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **509E1C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A253D6**, and **320069** is the 20% darker color. If you saturate the color by 10%, you get **640C9E**, and if you desaturate by 10%, it is **702C9E**.

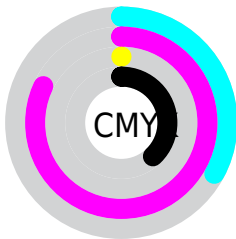
# Distribution



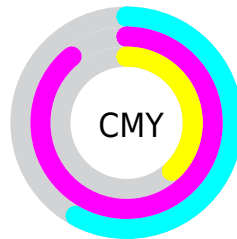
- Red (42%)
- Green (11%)
- Blue (62%)



- Red (42%)
- Yellow (11%)
- Blue (62%)



- Cyan (33%)
- Magenta (82%)
- Yellow (0%)
- Black (38%)



- Cyan (58%)
- Magenta (89%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A1C9E 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 6A1C9E by changing the saturation by 10% instead.



6A1C9E

6A1C9E

FFFFFF

4E0083

A253D6

320069

BF6DF2

190051

DC88FF

000038

F9A4FF

000222

FFC0FF

000008

FFDCFF

000000

FFF9FF

6A1C9E

6A1C9E

640C9E

702C9E

5F009E

773C9E

7D4B9E

835B9E

8A6B9E

907B9E

968B9E

9D9A9E

A3AA9E

# Harmonies

## Analogous

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



0046BF



6A1C9E



9E0068

# Triad

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



6A1C9E



703A00



005D66

# Complementary

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



6A1C9E



509E1C

# 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.



005C26



6A1C9E



3B4E00

# Square

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



6A1C9E



960000



005800



005D9E

# Rectangle

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



6A1C9E



A90040



005800



005D51



# Sweetspot

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



6A1C9E



BA9BCF



1C509E



5C4969



E8E8E8



696969



# Same Dimension

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



6A1C9E



7D02CF



9E1C91



4C474F



56008F



09000F



# Inverse Universe

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



9E1C50



CF0254



1C9E29



4F474A



8F0039

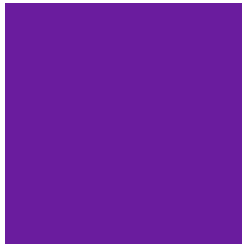


0F0006



# Previews

## White Background



This preview shows how the Hex color 6A1C9E looks on a white background.

## Color Contrast Check

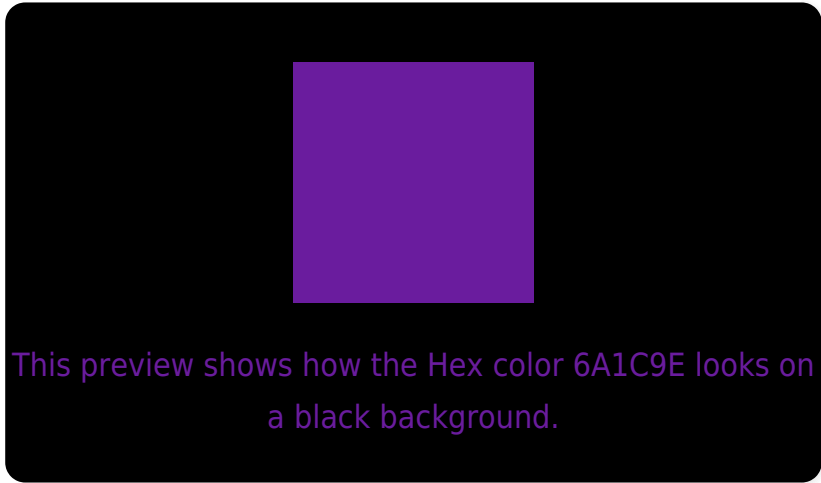
Large Text (above 18pt) WCAG AA ✓ Pass

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

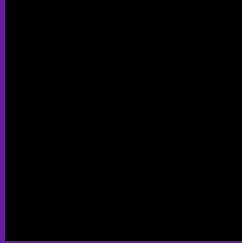
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A1C9E Background



This preview shows how black text looks on a background with the Hex color 6A1C9E.

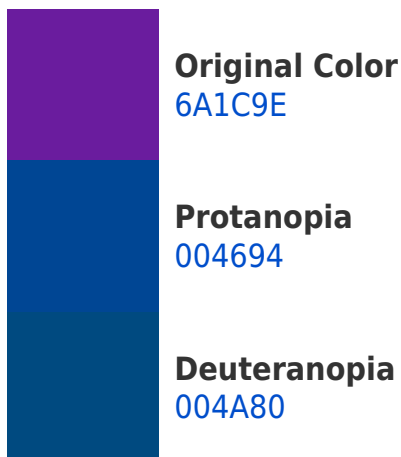


This preview shows how white text looks on a background with the Hex color 6A1C9E.

# 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](#).

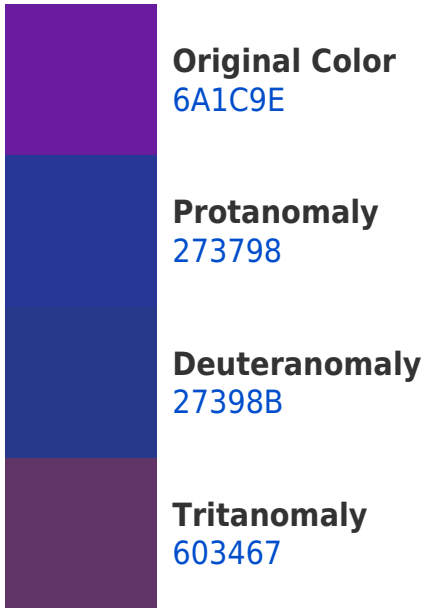
## Dichromacy



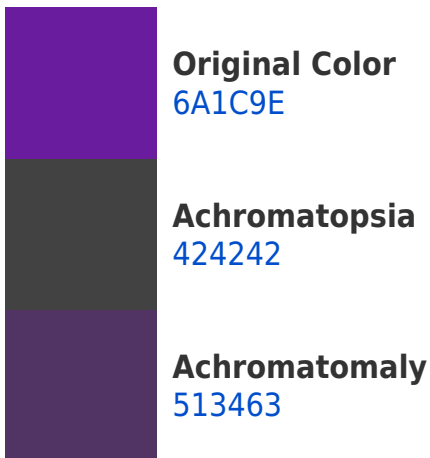


**Tritanopia**  
5A4247

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A1C9E 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 #6A1C9E looks like.

```
.text, #text, p{  
    color:#6A1C9E  
}
```

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 #6A1C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1C9E
}
```

## Border

The CSS property to change the border of an element to Hex 6A1C9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

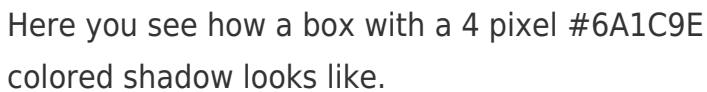
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A1C9E }
```

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

```
.border{ border-color:#6A1C9E }
```

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



Here you see how a box with a 4 pixel #6A1C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1C9E; -webkit-box-shadow:4px 4px  
4px 4px #6A1C9E; box-shadow:4px 4px 4px  
4px #6A1C9E }
```

# Background

The CSS property to change the background color of an element to Hex 6A1C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1C9E }
```

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

```
.background{ background-color:#6A1C9E }
```

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