

Converting Colors

Hex(6C1AA7)

Have a look what the booklet for
Hex(6C1AA7) contains.

Hex(6C1AA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C1AA7)

Conversions

Conversions Part 1

Format	Color
Hex	6C1AA7
RGB	108, 26, 167
RGB Percent	42%, 10%, 65%
CMY	0.5765, 0.8980, 0.3451
CMYK	0.35, 0.84, 0.00, 0.35
HSL	275°, 73%, 38%
HSV	275°, 84%, 65%
XYZ	13.5288, 6.7170, 37.1427
YIQ	66.5920, 3.6110, 61.2350

Conversions

Conversions Part 2

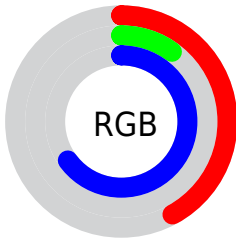
Format	Color
R_{YB}	108, 26, 167
Decimal	7084711
CIE _{Lab}	31.15, 57.81, -58.44
CIE _{LCh}	31, 82.208, 314.689
Yxy	6.7170, 0.2357, 0.1170
Android (android.graphics.Color)	4285274791 (0xFF6C1AA7)
YUV	66.5920, 49.5011, 36.3148
Hunter-Lab	25.9171, 47.8226, -66.8286

Details

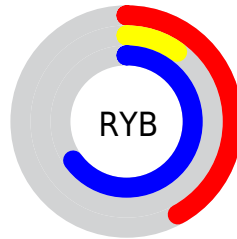
The Hex color **6C1AA7** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **55A71A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A552DF**, and **330072** is the 20% darker color. If you saturate the color by 10%, you get **6509A7**, and if you desaturate by 10%, it is **732BA7**.

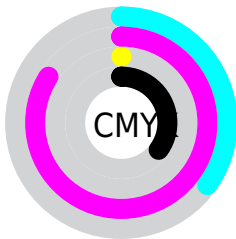
Distribution



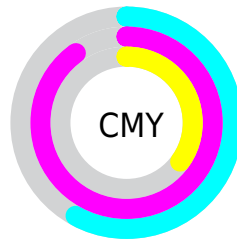
- Red (42%)
- Green (10%)
- Blue (65%)



- Red (42%)
- Yellow (10%)
- Blue (65%)



- Cyan (35%)
- Magenta (84%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (90%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C1AA7 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 6C1AA7 by changing the saturation by 10% instead.

6C1AA7

6C1AA7

FFFFFF

50008C

A552DF

330072

C26DFC

160059

DF88FF

000040

FDA4FF

000329

FFC0FF

000113

FFDCFF

000000

FFFAFF

6C1AA7

6C1AA7

6509A7

732BA7

6100A7

7A3BA7

814CA7

885DA7

8F6EA7

967EA7

9D8FA7

A4A0A7

ABB0A7

Harmonies

Analogous

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



0049CA



6C1AA7



A5006D

Triad

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



6C1AA7



753A00



006069

Complementary

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



6C1AA7



55A71A

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.



005E24



6C1AA7



3D5100

Square

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



6C1AA7



9D0000



005A00



0061A5

Rectangle

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



6C1AA7



B10043



005A00



006052

Sweetspot

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



6C1AA7



C2A3D9



1A57A7



604D6E



EDEDED



6E6E6E

Same Dimension

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



6C1AA7



7E00D9



A71A9E



514C54



560094



0C0014

Inverse Universe

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



A71A55



D9005B



1AA723



544C4F



94003E



140009

Previews

White Background



This preview shows how the Hex color 6C1AA7 looks on a white background.

Color Contrast Check

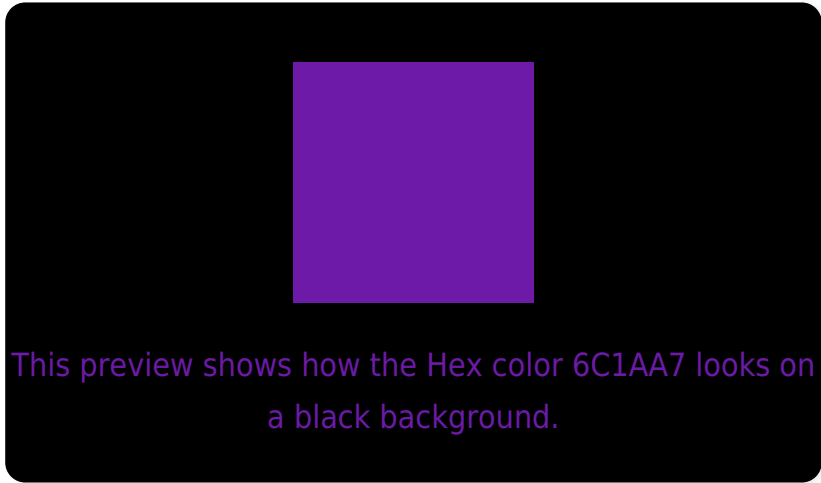
Large Text (above 18pt) WCAG AA ✓ Pass

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

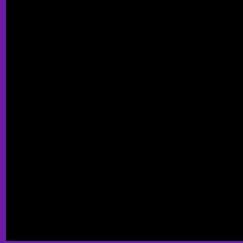
Any Text WCAG AA × Fail

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 6C1AA7 Background



This preview shows how black text looks on a background with the Hex color 6C1AA7.

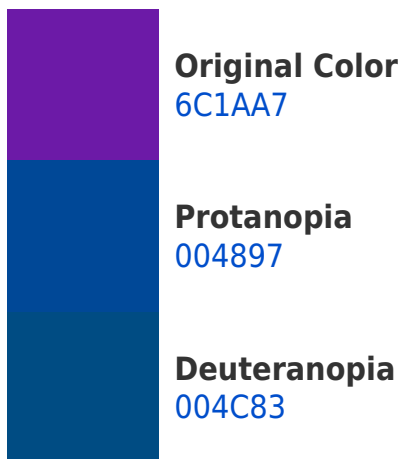


This preview shows how white text looks on a background with the Hex color 6C1AA7.

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](#).

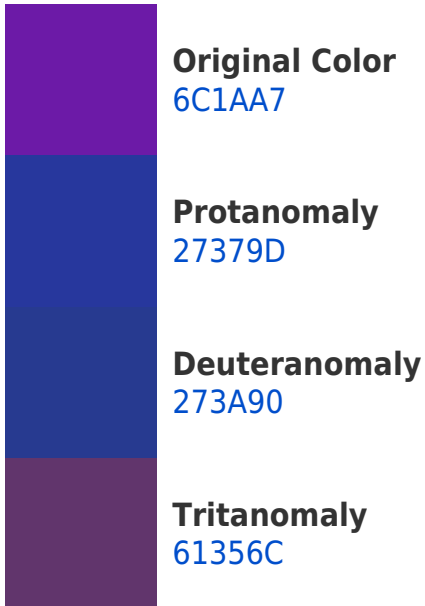
Dichromacy





Tritanopia
5A444A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C1AA7 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 #6C1AA7 looks like.

```
.text, #text, p{  
    color:#6C1AA7  
}
```

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 #6C1AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C1AA7
}
```

Border

The CSS property to change the border of an element to Hex 6C1AA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

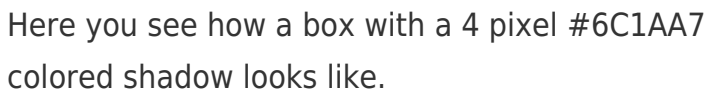
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C1AA7 }
```

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

```
.border{ border-color:#6C1AA7 }
```

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



Here you see how a box with a 4 pixel #6C1AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C1AA7; -webkit-box-shadow:4px 4px  
4px 4px #6C1AA7; box-shadow:4px 4px 4px  
4px #6C1AA7 }
```

Background

The CSS property to change the background color of an element to Hex 6C1AA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C1AA7 }
```

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

```
.background{ background-color:#6C1AA7 }
```

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