

Converting Colors

Hex(6A1BC7)

Have a look what the booklet for
Hex(6A1BC7) contains.

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Color

Hex(6A1BC7)

Conversions

Conversions Part 1

Format	Color
Hex	6A1BC7
RGB	106, 27, 199
RGB Percent	42%, 11%, 78%
CMY	0.5843, 0.8941, 0.2196
CMYK	0.47, 0.86, 0.00, 0.22
HSL	268°, 76%, 44%
HSV	268°, 86%, 78%
XYZ	16.6446, 7.9716, 54.6942
YIQ	70.2290, -8.1280, 70.2400

Conversions

Conversions Part 2

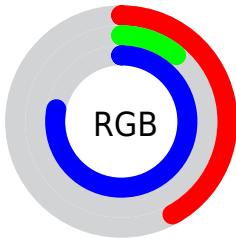
Format	Color
R_{YB}	106, 27, 199
Decimal	6953927
CIE _{Lab}	33.92, 64.55, -72.91
CIE _{LCh}	34, 97.377, 311.519
Yxy	7.9716, 0.2099, 0.1005
Android (android.graphics.Color)	4285144007 (0xFF6A1BC7)
YUV	70.2290, 63.4841, 31.3712
Hunter-Lab	28.2339, 55.8206, -95.0916

Details

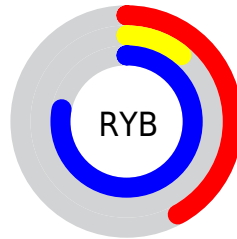
The Hex color **6A1BC7** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **78C71B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A655FF**, and **280090** is the 20% darker color. If you saturate the color by 10%, you get **5F07C7**, and if you desaturate by 10%, it is **752FC7**.

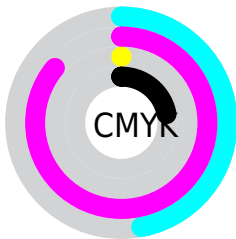
Distribution



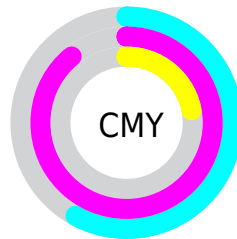
- Red (42%)
- Green (11%)
- Blue (78%)



- Red (42%)
- Yellow (11%)
- Blue (78%)



- Cyan (47%)
- Magenta (86%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (89%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A1BC7 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 6A1BC7 by changing the saturation by 10% instead.

6A1BC7

6A1BC7

FFFFFF

4B00AB

A655FF

280090

C370FF

000075

E28BFF

00005B

FFA7FF

000743

FFC3FF

00032B

FFE0FF

000116

FFFEFF

000000

6A1BC7

6A1BC7

■ 5F07C7

■ 752FC7

■ 5B00C7

■ 8043C7

■ 8A57C7

■ 956BC7

■ A07EC7

■ AB92C7

■ B5A6C7

■ C0BAC7

■ CBCEC7

Harmonies

Analogous

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



0054ED



6A1BC7



B90083

Triad

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



6A1BC7



883800



006A6D

Complementary

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



6A1BC7



78C71B

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.



006717



6A1BC7



475700

Square

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



6A1BC7



B60000



006300



006BB8

Rectangle

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



6A1BC7



CA0050



006300



006952

Sweetspot

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



6A1BC7



DBBDFE



1B7AC7



6A5880



000000



808080

Same Dimension

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



6A1BC7



7500FF



BE1BC7



5E5A63



4B00A3



100024

Inverse Universe

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



C71B78



FF008A



24C71B



635A5F



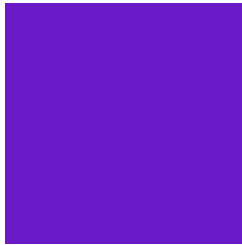
A30058



240013

Previews

White Background



This preview shows how the Hex color 6A1BC7 looks on a white background.

Color Contrast Check

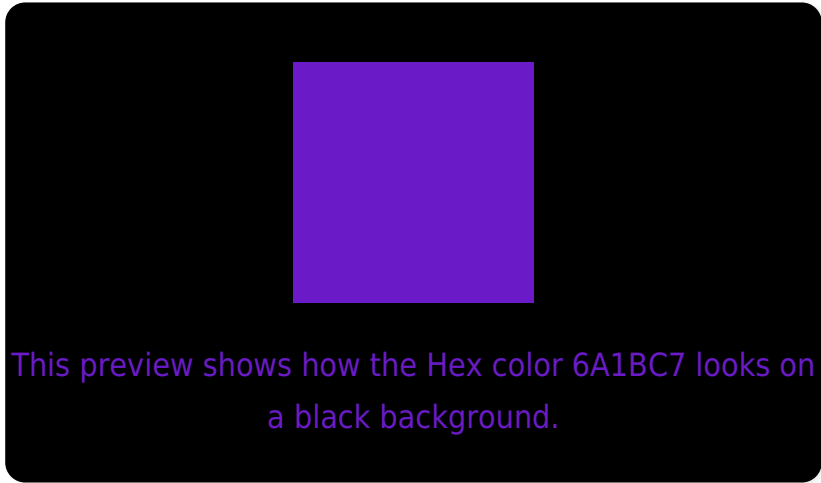
Large Text (above 18pt) WCAG AA ✓ Pass

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

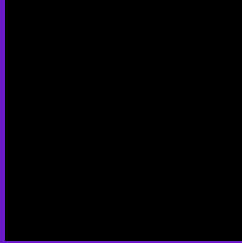
Any Text WCAG AA × Fail

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 6A1BC7 Background



This preview shows how black text looks on a background with the Hex color 6A1BC7.

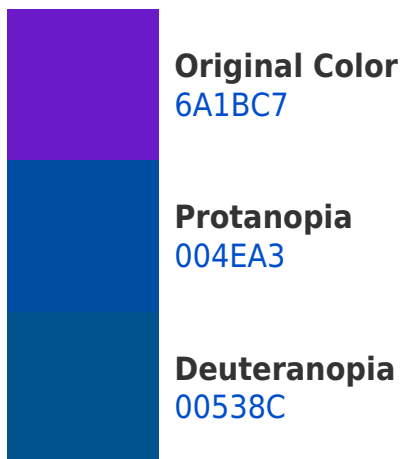


This preview shows how white text looks on a background with the Hex color 6A1BC7.

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](#).

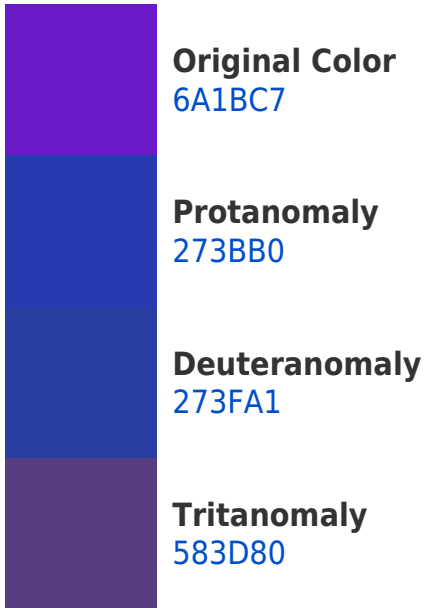
Dichromacy



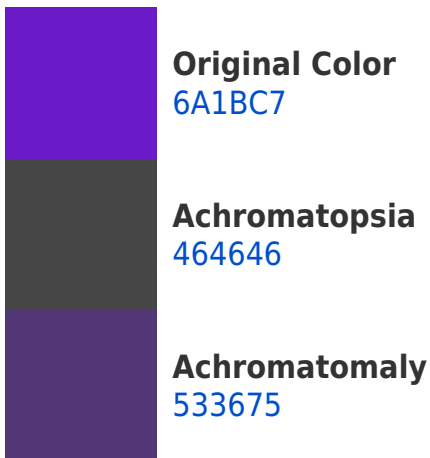


Tritanopia
4D5057

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A1BC7 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 #6A1BC7 looks like.

```
.text, #text, p{  
    color:#6A1BC7  
}
```

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 #6A1BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A1BC7
}
```

Border

The CSS property to change the border of an element to Hex 6A1BC7 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
#6A1BC7 }
```

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

```
.border{ border-color:#6A1BC7 }
```

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

Here you see how a box with a 4 pixel #6A1BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A1BC7; -webkit-box-shadow:4px 4px  
4px 4px #6A1BC7; box-shadow:4px 4px 4px  
4px #6A1BC7 }
```

Background

The CSS property to change the background color of an element to Hex 6A1BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A1BC7 }
```

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

```
.background{ background-color:#6A1BC7 }
```

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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