

Converting Colors

Hex(6B429A)

Have a look what the booklet for
Hex(6B429A) contains.

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Color

Hex(6B429A)

Conversions

Conversions Part 1

Format	Color
Hex	6B429A
RGB	107, 66, 154
RGB Percent	42%, 26%, 60%
CMY	0.5804, 0.7412, 0.3961
CMYK	0.31, 0.57, 0.00, 0.40
HSL	268°, 40%, 43%
HSV	268°, 57%, 60%
XYZ	13.8444, 9.3553, 31.6479
YIQ	88.2910, -3.8120, 36.0600

Conversions

Conversions Part 2

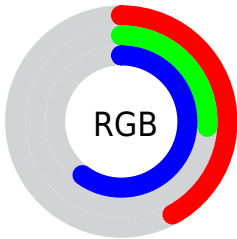
Format	Color
RYB	107, 66, 154
Decimal	7029402
CIELab	36.66, 36.10, -41.69
CIElCh	37, 55.144, 310.886
Yxy	9.3553, 0.2524, 0.1706
Android (android.graphics.Color)	4285219482 (0xFF6B429A)
YUV	88.2910, 32.3945, 16.4078
Hunter-Lab	30.5865, 27.2681, -39.9370

Details

The Hex color **6B429A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **719A42**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A174D1**, and **371366** is the 20% darker color. If you saturate the color by 10%, you get **63339A**, and if you desaturate by 10%, it is **73519A**.

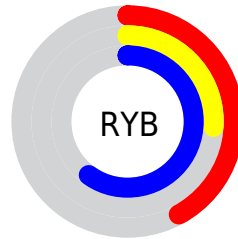
Distribution



Red (42%)

Green (26%)

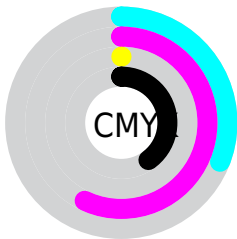
Blue (60%)



Red (42%)

Yellow (26%)

Blue (60%)

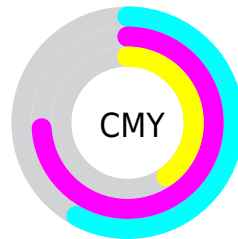


Cyan (31%)

Magenta (57%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (74%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6B429A 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 6B429A by changing the saturation by 10% instead.

 6B429A

 6B429A

FFFFFF

 512A80

 A174D1

 371366

 BD8EEE

 1C004E

 D9A8FF

 000036

 F7C4FF

 000220

 FFE0FF

 000004

 FFFDFD

 000000

 6B429A

 6B429A

 63339A

 73519A

■ 5B239A

■ 7B619A

■ 52149A

■ 84709A

■ 4A049A

■ 8C809A

■ 48009A

■ 948F9A

■ 9C9E9A

■ A5AE9A

■ ADBD9A

■ B5CD9A

Harmonies

Analogous

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



0056AE



6B429A



962974

Triad

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



6B429A



804900



006A66

Complementary

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



6B429A



719A42

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.



006837



6B429A



5A5900

Square

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



6B429A



9A331E



266303



006990

Rectangle

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



6B429A



A22057



266303



006956

Sweetspot

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



6B429A



B7A7C9



42729A



5B5266



E6E6E6



666666

Same Dimension

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



6B429A



7F3EC9



96429A



48454D



41008C



06000D

Inverse Universe

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



9A4271



C93E89



469A42



4D4549



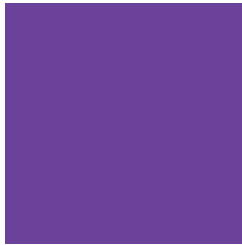
8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 6B429A looks on a white background.

Color Contrast Check

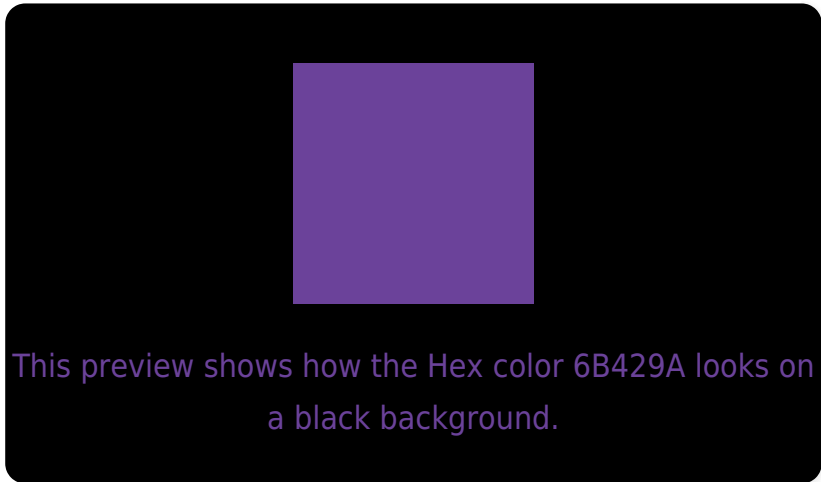
Large Text (above 18pt) WCAG AA ✓ Pass

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

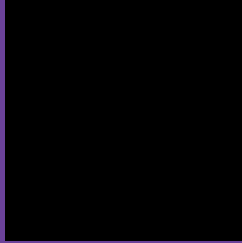
Any Text WCAG AA × Fail

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 6B429A Background



This preview shows how black text looks on a background with the Hex color 6B429A.

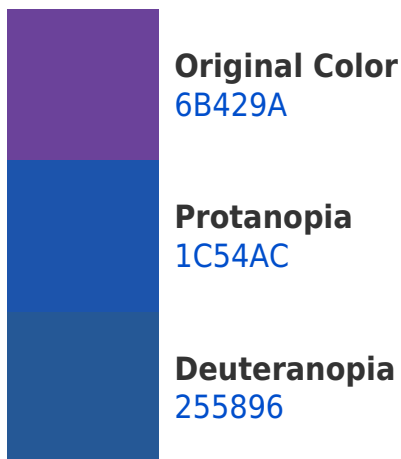



This preview shows how white text looks on a background with the Hex color 6B429A.

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
5F535A

Trichromacy



Original Color
6B429A



Protanomaly
394DA5



Deuteranomaly
3E5097



Tritanomaly
634D71

Monochromacy



Original Color
6B429A



Achromatopsia
585858



Achromatomaly
5F5070

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B429A 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 #6B429A looks like.

```
.text, #text, p{  
    color:#6B429A  
}
```

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 #6B429A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B429A
}
```

Border

The CSS property to change the border of an element to Hex 6B429A is called "border". The border property can be set on classes, ids or directly on the HTML element.

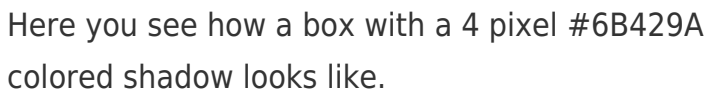
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B429A }
```

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

```
.border{ border-color:#6B429A }
```

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



Here you see how a box with a 4 pixel #6B429A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B429A; -webkit-box-shadow:4px 4px  
4px 4px #6B429A; box-shadow:4px 4px 4px  
4px #6B429A }
```

Background

The CSS property to change the background color of an element to Hex 6B429A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B429A }
```

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

```
.background{ background-color:#6B429A }
```

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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