

Converting Colors

Hex(6A71CA)

Have a look what the booklet for
Hex(6A71CA) contains.

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Color

Hex(6A71CA)

Conversions

Conversions Part 1

Format	Color
Hex	6A71CA
RGB	106, 113, 202
RGB Percent	42%, 44%, 79%
CMY	0.5843, 0.5569, 0.2078
CMYK	0.48, 0.44, 0.00, 0.21
HSL	236°, 48%, 60%
HSV	236°, 48%, 79%
XYZ	22.5097, 19.1387, 58.3849
YIQ	121.0530, -32.7410, 26.1950

Conversions

Conversions Part 2

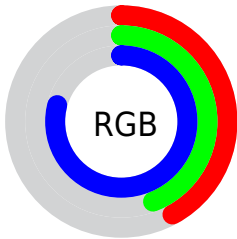
Format	Color
R _Y B	106, 113, 202
Decimal	6975946
CIE Lab	50.85, 21.21, -47.23
CIE LCh	51, 51.769, 294.180
Yxy	19.1387, 0.2250, 0.1913
Android (android.graphics.Color)	4285166026 (0xFF6A71CA)
YUV	121.0530, 39.9069, -13.2015
Hunter-Lab	43.7478, 15.2854, -48.5037

Details

The Hex color **6A71CA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CAC36A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A2A5FF**, and **314193** is the 20% darker color. If you saturate the color by 10%, you get **565ECA**, and if you desaturate by 10%, it is **7E84CA**.

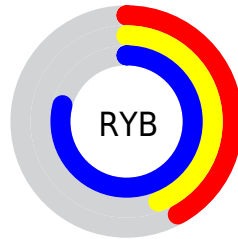
Distribution



Red (42%)

Green (44%)

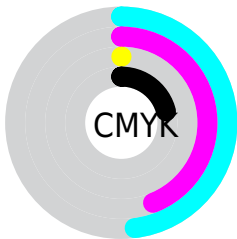
Blue (79%)



Red (42%)

Yellow (44%)

Blue (79%)

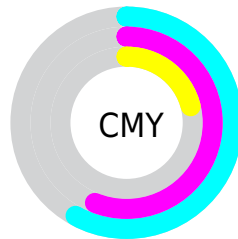


Cyan (48%)

Magenta (44%)

Yellow (0%)

Black (21%)



Cyan (58%)

Magenta (56%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A71CA 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 6A71CA by changing the saturation by 10% instead.

■ 6A71CA

■ 6A71CA

FFFFFF

■ 4E59AE

■ A2A5FF

■ 314193

■ BFC0FF

■ 082C79

■ DCDCFF

■ 001860

■ F9F8FF

■ 000048

■ 000430

■ 00011A

■ 000000

■ 6A71CA

■ 6A71CA

■ 565ECA

■ 7E84CA

■ 424CCA

■ 9296CA

■ 2D39CA

■ A7A9CA

■ 1926CA

■ BBBCCA

■ 0513CA

■ CFCFCA

■ 000FCA

■ E3E1CA

■ F7F4CA

■ FFFFCA

Harmonies

Analogous

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



0081D1



6A71CA



A65EAD

Triad

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



6A71CA



B76231



008E6F

Complementary

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



6A71CA



CAC36A

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.



328A43



6A71CA



977418

Square

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



6A71CA



C85358



6D8120



008E9C

Rectangle

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



6A71CA



BD5392



6D8120



008D5F

Sweetspot

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



6A71CA



DBDEFF



6ACAC2



6A6B80



000000



808080

Same Dimension

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



6A71CA



6E78FF



926ACA



5C5D66



000CA6



000326

Inverse Universe

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



CA6A71



FF6E78



A2CA6A



665C5D



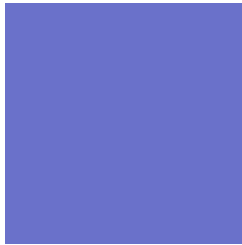
A6000C



260003

Previews

White Background



This preview shows how the Hex color 6A71CA looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

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

Hex 6A71CA Background



This preview shows how black text looks on a background with the Hex color 6A71CA.

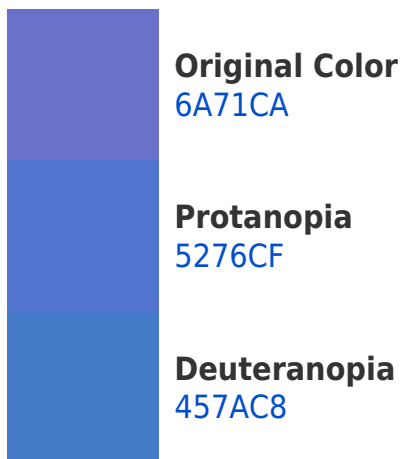


This preview shows how white text looks on a background with the Hex color 6A71CA.

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](#).

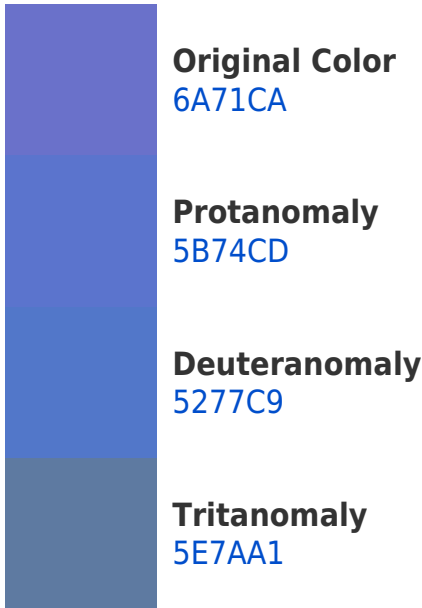
Dichromacy



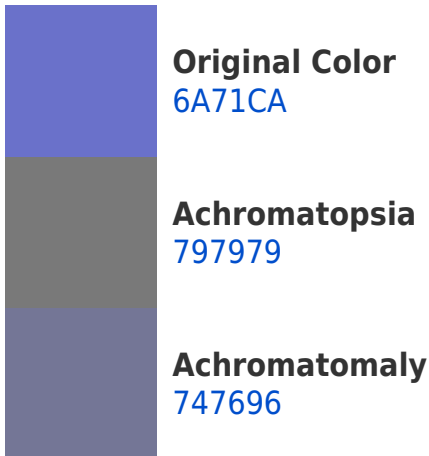


Tritanopia
577F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A71CA 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 #6A71CA looks like.

```
.text, #text, p{  
    color:#6A71CA  
}
```

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 #6A71CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A71CA
}
```

Border

The CSS property to change the border of an element to Hex 6A71CA 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".

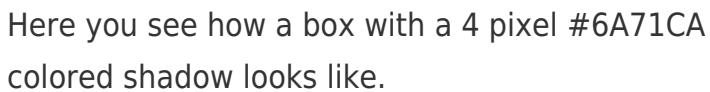
```
.border, #border, table{ border:4px solid
#6A71CA }
```

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

```
.border{ border-color:#6A71CA }
```

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

Here you see how a box with a 4 pixel #6A71CA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A71CA; -webkit-box-shadow:4px 4px  
4px 4px #6A71CA; box-shadow:4px 4px 4px  
4px #6A71CA }
```

Background

The CSS property to change the background color of an element to Hex 6A71CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A71CA }
```

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

```
.background{ background-color:#6A71CA }
```

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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