

# Converting Colors

Hex(6A6CAB)

Have a look what the booklet for  
Hex(6A6CAB) contains.

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# Color

**Hex(6A6CAB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6CAB
RGB	106, 108, 171
RGB Percent	42%, 42%, 67%
CMY	0.5843, 0.5765, 0.3294
CMYK	0.38, 0.37, 0.00, 0.33
HSL	238°, 28%, 54%
HSV	238°, 38%, 67%
XYZ	18.6571, 16.7296, 40.7739
YIQ	114.5840, -21.4150, 19.1690

# Conversions

## Conversions Part 2

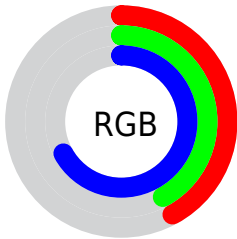
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 108, 171
Decimal	6974635
CIE <sub>Lab</sub>	47.92, 15.08, -33.95
CIE <sub>LCh</sub>	48, 37.152, 293.944
Yxy	16.7296, 0.2450, 0.2197
Android (android.graphics.Color)	4285164715 (0xFF6A6CAB)
YUV	114.5840, 27.8131, -7.5282
Hunter-Lab	40.9018, 9.8435, -30.4733

# Details

The Hex color **6A6CAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ABA96A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A09FE3**, and **363D76** is the 20% darker color. If you saturate the color by 10%, you get **595BAB**, and if you desaturate by 10%, it is **7B7DAB**.

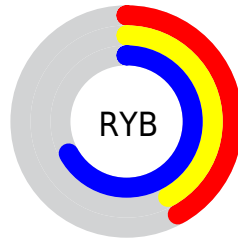
# Distribution



Red (42%)

Green (42%)

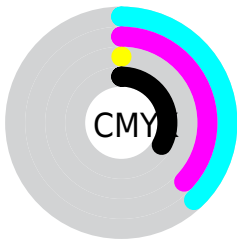
Blue (67%)



Red (42%)

Yellow (42%)

Blue (67%)

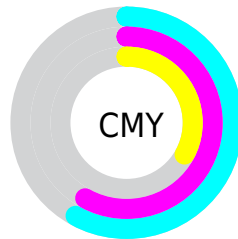


Cyan (38%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (58%)

Magenta (58%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6CAB 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 6A6CAB by changing the saturation by 10% instead.



■ 6A6CAB

■ 6A6CAB

FFFFFF

■ 505490

■ A09FE3

■ 363D76

■ BBBAFF

■ 1C275D

■ D8D6FF

■ 001345

■ F4F2FF

■ 00002F

■ 000119

■ 000000

■ 6A6CAB

■ 6A6CAB

■ 595BAB

■ 7B7DAB

484BAB

8C8DAB

373AAB

9D9EAB

262AAB

AEAEAB

1419AB

BFBFAB

0309AB

D1CFAB

0005AB

E2E0AB

F3F1AB

FFFFAB

# Harmonies

## Analogous

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



2777B0



6A6CAB



926097

# Triad

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



6A6CAB



A16240



00816A

# Complementary

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



6A6CAB



ABA96A

# 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.



467E4B



6A6CAB



8A6E32

# Square

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



6A6CAB



AC595A



6B7836



00818A

# Rectangle

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



6A6CAB



A35A84



6B7836



21815F



# Sweetspot

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



6A6CAB



C5C6DE



6AABA9



626270



F0F0F0



707070



# Same Dimension

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



6A6CAB



787BDE



886AAB



4E4E57



000596



000117



# Inverse Universe

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



AB6A6C



DE787B



8DAB6A



574E4E



960005

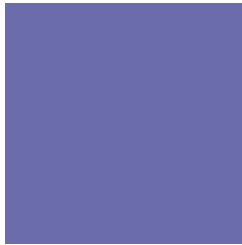


170001



# Previews

## White Background



This preview shows how the Hex color 6A6CAB looks on a white background.

## Color Contrast Check

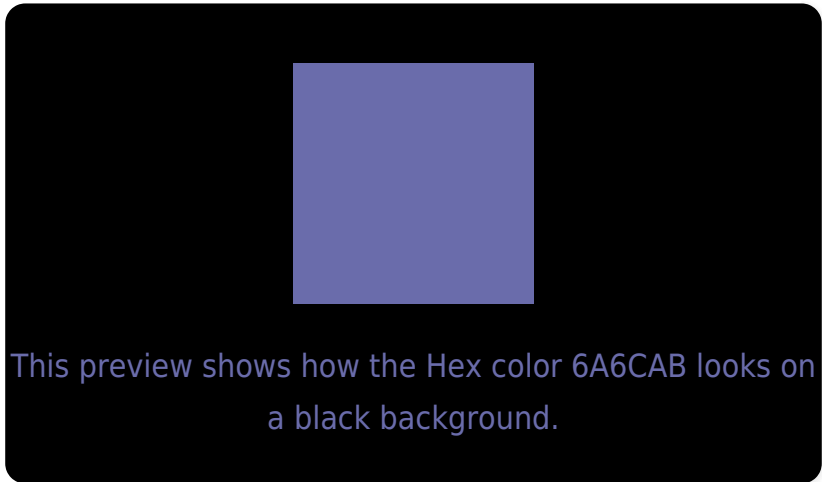
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

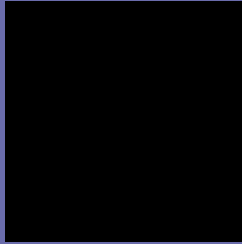
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6CAB Background



This preview shows how black text looks on a background with the Hex color 6A6CAB.

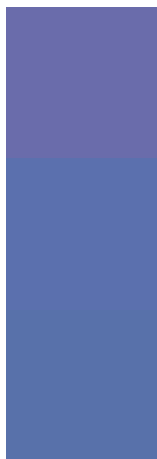


This preview shows how white text looks on a background with the Hex color 6A6CAB.

# 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



**Original Color**  
6A6CAB

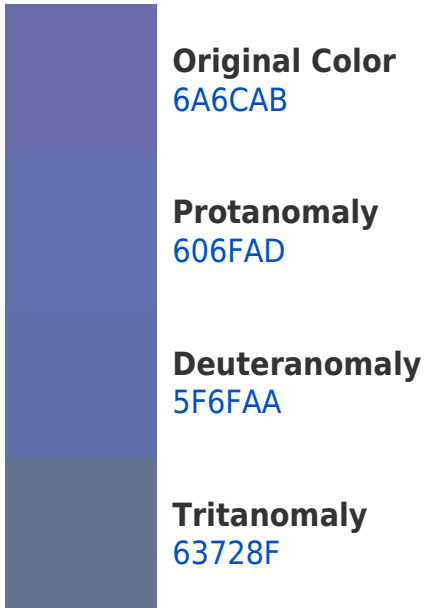
**Protanopia**  
5B70AE

**Deuteranopia**  
5871AA

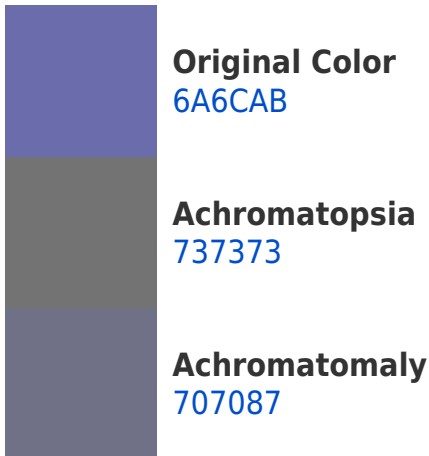


**Tritanopia**  
5F757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6CAB 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 #6A6CAB looks like.

```
.text, #text, p{  
    color:#6A6CAB  
}
```

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 #6A6CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6CAB
}
```

## Border

The CSS property to change the border of an element to Hex 6A6CAB 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".

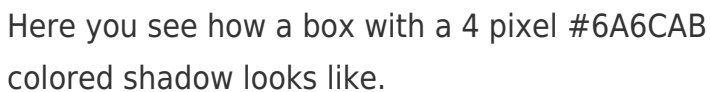
```
.border, #border, table{ border:4px solid
#6A6CAB }
```

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

```
.border{ border-color:#6A6CAB }
```

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

Here you see how a box with a 4 pixel #6A6CAB 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 #6A6CAB; -webkit-box-shadow:4px 4px  
4px 4px #6A6CAB; box-shadow:4px 4px 4px  
4px #6A6CAB }
```

# Background

The CSS property to change the background color of an element to Hex 6A6CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6CAB }
```

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

```
.background{ background-color:#6A6CAB }
```

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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