

# Converting Colors

Hex(6C5AB1)

Have a look what the booklet for  
Hex(6C5AB1) contains.

<b>Hex(6C5AB1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6C5AB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C5AB1
RGB	108, 90, 177
RGB Percent	42%, 35%, 69%
CMY	0.5765, 0.6471, 0.3059
CMYK	0.39, 0.49, 0.00, 0.31
HSL	252°, 36%, 52%
HSV	252°, 49%, 69%
XYZ	17.7763, 13.6748, 43.2976
YIQ	105.3000, -17.1990, 30.8730

# Conversions

## Conversions Part 2

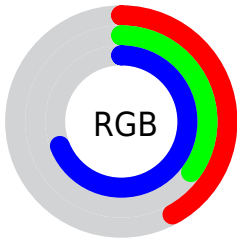
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 90, 177
Decimal	7101105
CIE <sub>Lab</sub>	43.76, 28.34, -44.03
CIE <sub>LCh</sub>	44, 52.364, 302.765
Yxy	13.6748, 0.2378, 0.1829
Android (android.graphics.Color)	4285291185 (0xFF6C5AB1)
YUV	105.3000, 35.3481, 2.3679
Hunter-Lab	36.9795, 21.0923, -43.5343

# Details

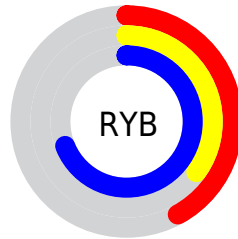
The Hex color **6C5AB1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9FB15A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A38CE9**, and **372C7C** is the 20% darker color. If you saturate the color by 10%, you get **5E48B1**, and if you desaturate by 10%, it is **7A6CB1**.

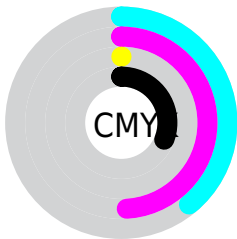
# Distribution



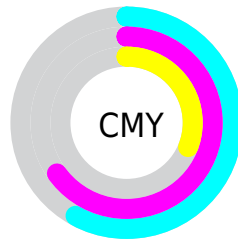
- Red (42%)
- Green (35%)
- Blue (69%)



- Red (42%)
- Yellow (35%)
- Blue (69%)



- Cyan (39%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (58%)
- Magenta (65%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C5AB1 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 6C5AB1 by changing the saturation by 10% instead.



6C5AB1

6C5AB1

FFFFFF

514296

A38CE9

372C7C

BFA7FF

191662

DBC2FF

00004A

F9DEFF

000332

FFFBFF

00021C

000000

6C5AB1

6C5AB1

5E48B1

7A6CB1

5037B1

887DB1

4225B1

968FB1

3413B1

A4A1B1

2601B1

B2B3B1

2500B1

C0C4B1

CED6B1

DCE8B1

EAF9B1

# Harmonies

## Analogous

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



006BBF



6C5AB1



9E4690

# Triad

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



6C5AB1



9B5615



007B6A

# Complementary

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



6C5AB1



9FB15A

# 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.



00793D



6C5AB1



796700

# Square

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



6C5AB1



B1433B



4C7214



007B95

# Rectangle

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



6C5AB1



AF3C74



4C7214



007B5B



# Sweetspot

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



6C5AB1



CAC3E6



5AA0B1



625E73



F2F2F2



737373



# Same Dimension

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



6C5AB1



7A5EE6



975AB1



525059



200099



05001A



# Inverse Universe

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



B15A9F



E65EC9



74B15A



595057



990079



1A0014



# Previews

## White Background



This preview shows how the Hex color 6C5AB1 looks on a white background.

## Color Contrast Check

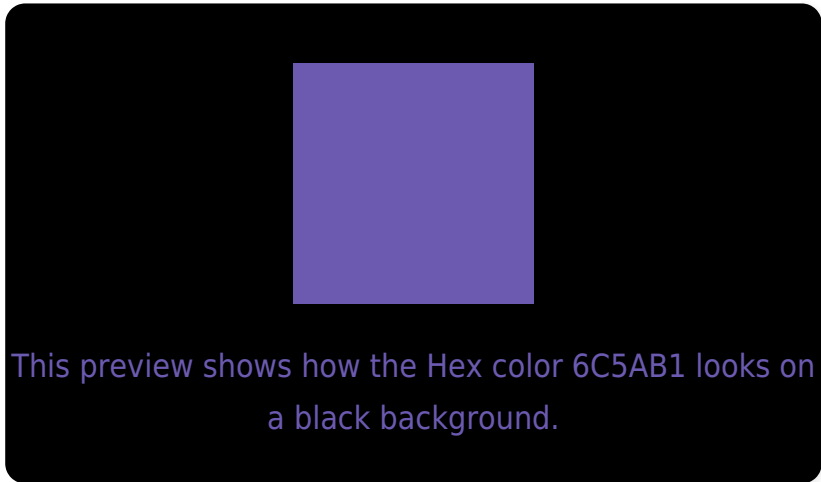
Large Text (above 18pt) WCAG AA ✓ Pass

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

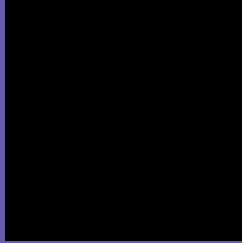
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C5AB1 Background



This preview shows how black text looks on a background with the Hex color 6C5AB1.

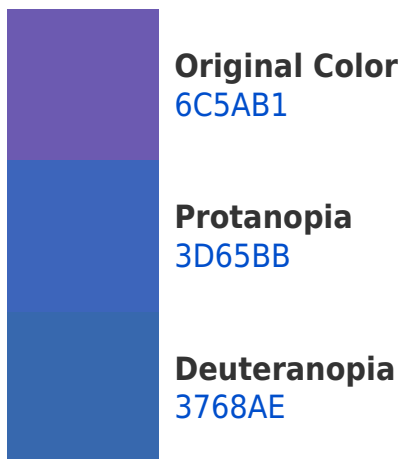


This preview shows how white text looks on a background with the Hex color 6C5AB1.

# 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](#).

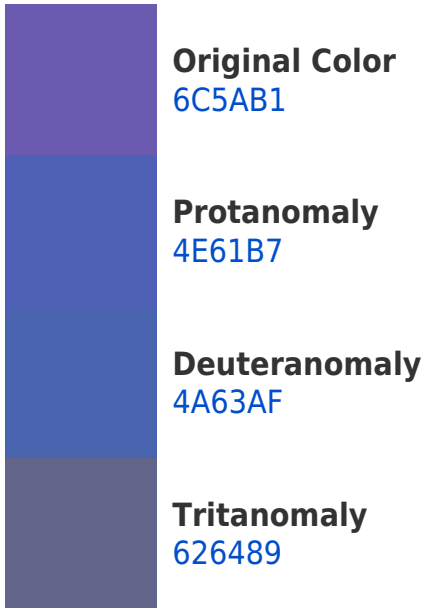
## Dichromacy





**Tritanopia**  
5D6972

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C5AB1 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 #6C5AB1 looks like.

```
.text, #text, p{  
    color:#6C5AB1  
}
```

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 #6C5AB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5AB1
}
```

## Border

The CSS property to change the border of an element to Hex 6C5AB1 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
#6C5AB1 }
```

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

```
.border{ border-color:#6C5AB1 }
```

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

Here you see how a box with a 4 pixel #6C5AB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5AB1; -webkit-box-shadow:4px 4px  
4px 4px #6C5AB1; box-shadow:4px 4px 4px  
4px #6C5AB1 }
```

# Background

The CSS property to change the background color of an element to Hex 6C5AB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5AB1 }
```

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

```
.background{ background-color:#6C5AB1 }
```

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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