

Converting Colors

Hex(6C6DC9)

Have a look what the booklet for
Hex(6C6DC9) contains.

Hex(6C6DC9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C6DC9)

Conversions

Conversions Part 1

Format	Color
Hex	6C6DC9
RGB	108, 109, 201
RGB Percent	42%, 43%, 79%
CMY	0.5765, 0.5725, 0.2118
CMYK	0.46, 0.46, 0.00, 0.21
HSL	239°, 46%, 61%
HSV	239°, 46%, 79%
XYZ	22.1956, 18.3425, 57.6290
YIQ	119.1890, -30.1280, 28.4000

Conversions

Conversions Part 2

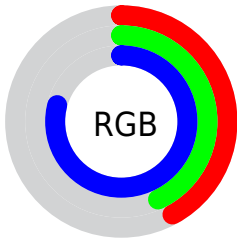
Format	Color
R _{YB}	108, 109, 201
Decimal	7105993
CIE Lab	49.91, 23.81, -48.14
CIE LCh	50, 53.711, 296.317
Yxy	18.3425, 0.2261, 0.1868
Android (android.graphics.Color)	4285296073 (0xFF6C6DC9)
YUV	119.1890, 40.3328, -9.8128
Hunter-Lab	42.8281, 17.5581, -49.8002

Details

The Hex color **6C6DC9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C9C86C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A4A0FF**, and **333E92** is the 20% darker color. If you saturate the color by 10%, you get **5859C9**, and if you desaturate by 10%, it is **8081C9**.

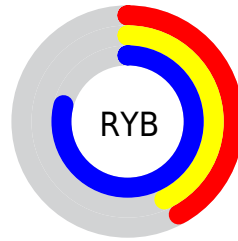
Distribution



Red (42%)

Green (43%)

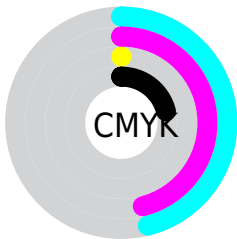
Blue (79%)



Red (42%)

Yellow (43%)

Blue (79%)

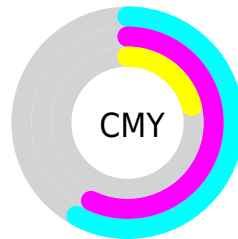


Cyan (46%)

Magenta (46%)

Yellow (0%)

Black (21%)



Cyan (58%)

Magenta (57%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C6DC9 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 6C6DC9 by changing the saturation by 10% instead.

■ 6C6DC9

■ 6C6DC9

FFFFFF

■ 5055AD

■ A4A0FF

■ 333E92

■ C0BBFF

■ 0E2878

■ DED7FF

■ 00145F

■ FBF4FF

■ 000047

■ 00042F

■ 000119

■ 000000

■ 6C6DC9

■ 6C6DC9

■ 5859C9

■ 8081C9

■ 4445C9

■ 9495C9

■ 3031C9

■ A8A9C9

■ 1C1DC9

■ BCBDC9

■ 080AC9

■ D1D0C9

■ 0002C9

■ E5E4C9

■ F9F8C9

■ FFFC9

Harmonies

Analogous

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



007ED2



6C6DC9



A859AA

Triad

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



6C6DC9



B4602A



008C6F

Complementary

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



6C6DC9



C9C86C

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.



228841



6C6DC9



92730C

Square

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



6C6DC9



C74F51



66801A



008C9E

Rectangle

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



6C6DC9



BF4E8E



66801A



008B60

Sweetspot

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



6C6DC9



DBDCFF



6CC9C7



6A6A80



000000



808080

Same Dimension

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



6C6DC9



7072FF



996CC9



5A5A63



0002A3



000024

Inverse Universe

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



C96C6D



FF7072



9CC96C



635A5A



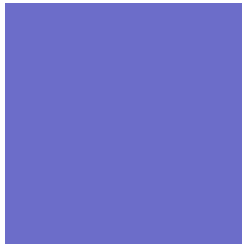
A30002



240000

Previews

White Background



This preview shows how the Hex color 6C6DC9 looks on a white background.

Color Contrast Check

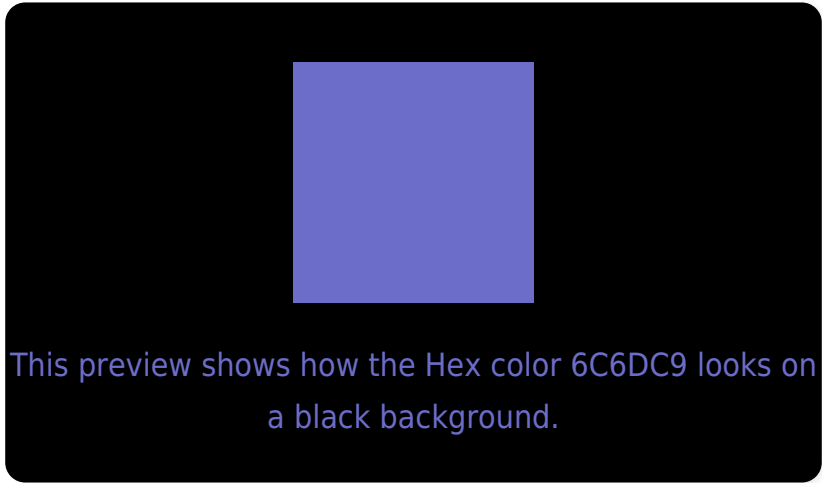
Large Text (above 18pt) WCAG AA ✓ Pass

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

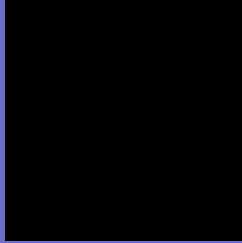
Any Text WCAG AA ✓ Pass

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 6C6DC9 Background



This preview shows how black text looks on a background with the Hex color 6C6DC9.



This preview shows how white text looks on a background with the Hex color 6C6DC9.

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](#).

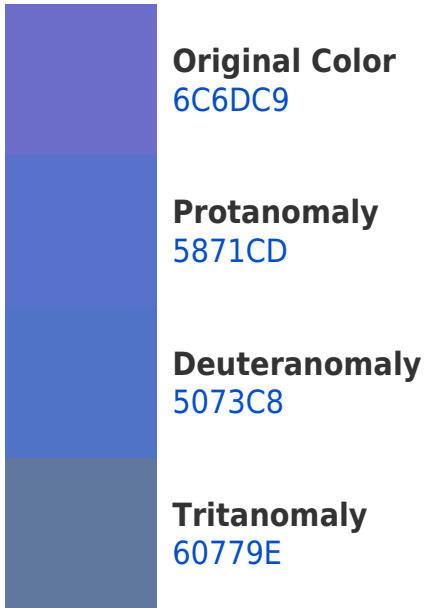
Dichromacy





Tritanopia
597C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C6DC9 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 #6C6DC9 looks like.

```
.text, #text, p{  
    color:#6C6DC9  
}
```

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 #6C6DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6DC9
}
```

Border

The CSS property to change the border of an element to Hex 6C6DC9 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
#6C6DC9 }
```

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

```
.border{ border-color:#6C6DC9 }
```

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

Here you see how a box with a 4 pixel #6C6DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6DC9; -webkit-box-shadow:4px 4px  
4px 4px #6C6DC9; box-shadow:4px 4px 4px  
4px #6C6DC9 }
```

Background

The CSS property to change the background color of an element to Hex 6C6DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6DC9 }
```

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

```
.background{ background-color:#6C6DC9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor