

Converting Colors

Hex(6D6AD9)

Have a look what the booklet for
Hex(6D6AD9) contains.

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Color

Hex(6D6AD9)

Conversions

Conversions Part 1

Format	Color
Hex	6D6AD9
RGB	109, 106, 217
RGB Percent	43%, 42%, 85%
CMY	0.5725, 0.5843, 0.1490
CMYK	0.50, 0.51, 0.00, 0.15
HSL	242°, 59%, 63%
HSV	242°, 51%, 85%
XYZ	23.9851, 18.5690, 67.9657
YIQ	119.5510, -33.8430, 35.1570

Conversions

Conversions Part 2

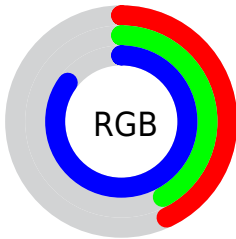
Format	Color
R _Y B	109, 106, 217
Decimal	7170777
CIE Lab	50.18, 30.71, -56.82
CIE LCh	50, 64.591, 298.388
Yxy	18.5690, 0.2170, 0.1680
Android (android.graphics.Color)	4285360857 (0xFF6D6AD9)
YUV	119.5510, 48.0424, -9.2532
Hunter-Lab	43.0918, 23.9433, -63.3497

Details

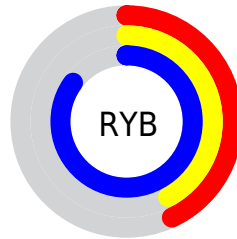
The Hex color **6D6AD9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D6D96A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A79DFF**, and **303BA1** is the 20% darker color. If you saturate the color by 10%, you get **5854D9**, and if you desaturate by 10%, it is **8280D9**.

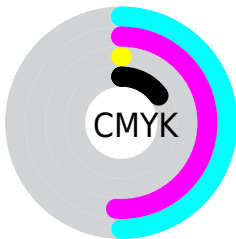
Distribution



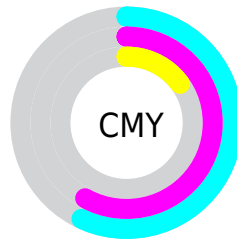
- Red (43%)
- Green (42%)
- Blue (85%)



- Red (43%)
- Yellow (42%)
- Blue (85%)



- Cyan (50%)
- Magenta (51%)
- Yellow (0%)
- Black (15%)



- Cyan (57%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6AD9 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 6D6AD9 by changing the saturation by 10% instead.

6D6AD9

6D6AD9

FFFFFF

5052BD

A79DFF

303BA1

C4B8FF

002586

E1D4FF

00116C

FFF0FF

000054

00063B

000225

00010D

000000

 6D6AD9

 6D6AD9

 5854D9

 8280D9

 433FD9

 9795D9

 2E29D9

 ACABD9

 1913D9

 C1C1D9

 0600D9

 D7D7D9

 ECECD9

 FFFFD9

Harmonies

Analogous

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



007FE6



6D6AD9



B64EB2

Triad

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



6D6AD9



BC5D11



009073

Complementary

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



6D6AD9



D6D96A

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.



008C3A



6D6AD9



927400

Square

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



6D6AD9



D44347



5C8300



0090AA

Rectangle

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



6D6AD9



CE3E8F



5C8300



008F5F

Sweetspot

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



6D6AD9



DAD9FF



6AD7D9



696980



000000



808080

Same Dimension

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



6D6AD9



6863FF



A36AD9



63636E



0500AD



01002E

Inverse Universe

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



D96AD6



FF63FB



A0D96A



6E636D



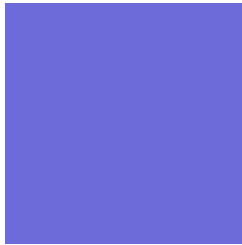
AD00A9



2E002D

Previews

White Background



This preview shows how the Hex color 6D6AD9 looks on a white background.

Color Contrast Check

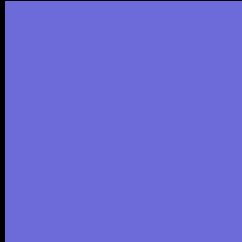
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6D6AD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

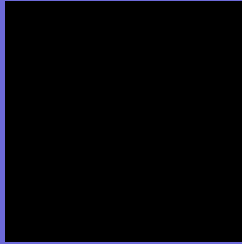
Any Text WCAG AA ✓ Pass

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 6D6AD9 Background



This preview shows how black text looks on a background with the Hex color 6D6AD9.

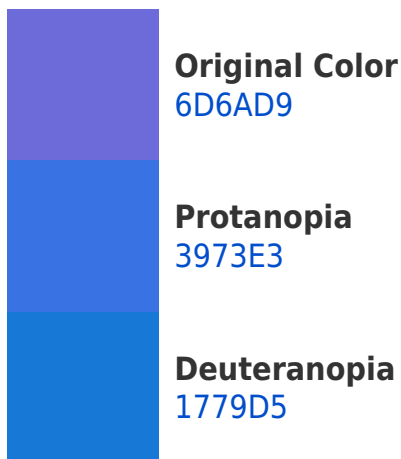


This preview shows how white text looks on a background with the Hex color 6D6AD9.

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](#).

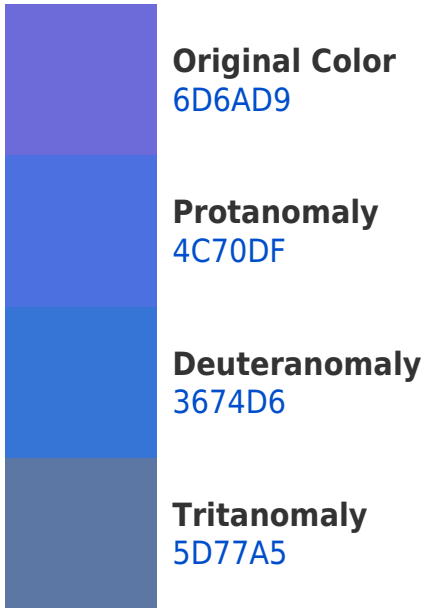
Dichromacy



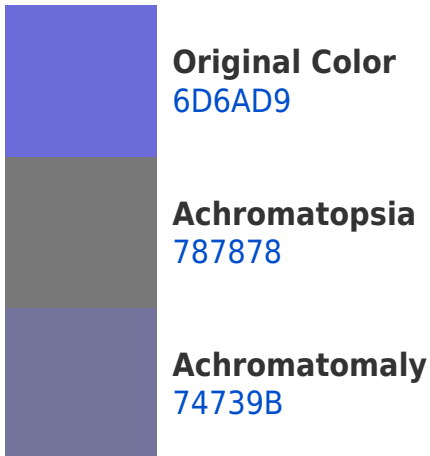


Tritanopia
547E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6AD9 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 #6D6AD9 looks like.

```
.text, #text, p{  
    color:#6D6AD9  
}
```

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 #6D6AD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6AD9
}
```

Border

The CSS property to change the border of an element to Hex 6D6AD9 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
#6D6AD9 }
```

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

```
.border{ border-color:#6D6AD9 }
```

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

Here you see how a box with a 4 pixel #6D6AD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6AD9; -webkit-box-shadow:4px 4px  
4px 4px #6D6AD9; box-shadow:4px 4px 4px  
4px #6D6AD9 }
```

Background

The CSS property to change the background color of an element to Hex 6D6AD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6AD9 }
```

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

```
.background{ background-color:#6D6AD9 }
```

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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