

# Converting Colors

Hex(6842D9)

Have a look what the booklet for  
Hex(6842D9) contains.

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# Color

**Hex(6842D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6842D9
RGB	104, 66, 217
RGB Percent	41%, 26%, 85%
CMY	0.5922, 0.7412, 0.1490
CMYK	0.52, 0.70, 0.00, 0.15
HSL	255°, 67%, 55%
HSV	255°, 70%, 85%
XYZ	20.1815, 11.8492, 66.8691
YIQ	94.5760, -25.8230, 55.0170

# Conversions

## Conversions Part 2

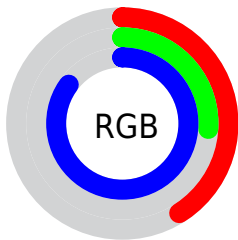
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 66, 217
Decimal	6832857
CIELab	40.98, 52.71, -71.77
CIELCh	41, 89.043, 306.295
Yxy	11.8492, 0.2041, 0.1198
Android (android.graphics.Color)	4285022937 (0xFF6842D9)
YUV	94.5760, 60.3550, 8.2648
Hunter-Lab	34.4227, 44.4121, -91.0800

# Details

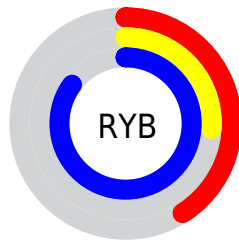
The Hex color **6842D9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B3D942**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A475FF**, and **220EA1** is the 20% darker color. If you saturate the color by 10%, you get **582CD9**, and if you desaturate by 10%, it is **7858D9**.

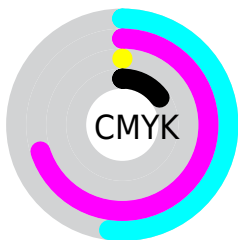
# Distribution



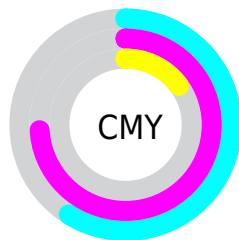
- Red (41%)
- Green (26%)
- Blue (85%)



- Red (41%)
- Yellow (26%)
- Blue (85%)



- Cyan (52%)
- Magenta (70%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (74%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6842D9 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 6842D9 by changing the saturation by 10% instead.



6842D9

6842D9

FFFFFF

4829BD

A475FF

220EA1

C28FFF

000086

E0ABFF

00006C

FEC6FF

000052

FFE3FF

00053A

000224

00000B

000000

 6842D9

 6842D9

 582CD9

 7858D9

 4817D9

 886DD9

 3701D9

 9983D9

 3700D9

 A999D9

 B9AFD9

 C9C4D9

 DADAD9

 EAF0D9

 FAFFD9

# Harmonies

## Analogous

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



0067F6



6842D9



BE009D

# Triad

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



6842D9



A34400



007C6F

# Complementary

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



6842D9



B3D942

# 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.



00791E



6842D9



696300

# Square

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



6842D9



CB000A



007200



007CB7

# Rectangle

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



6842D9



D5006D



007200



007B55



# Sweetspot

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



6842D9



D7C9FF



42B3D9



686080



000000



808080



# Same Dimension

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



6842D9



5F29FF



B342D9



65636E



2C00AD



0C002E



# Inverse Universe

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



D942B3



FF29C9



68D942



6E636B



AD0082

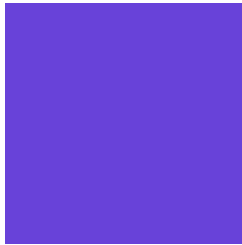


2E0022



# Previews

## White Background



This preview shows how the Hex color 6842D9 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

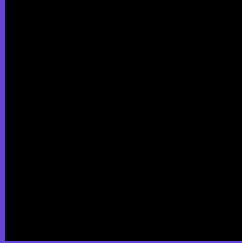
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6842D9 Background



This preview shows how black text looks on a background with the Hex color 6842D9.

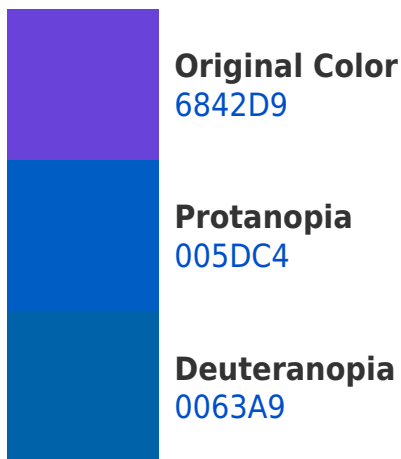



This preview shows how white text looks on a background with the Hex color 6842D9.

# 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](#).

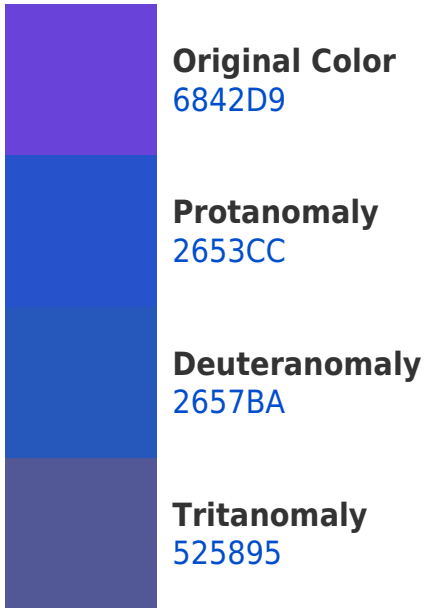
## Dichromacy



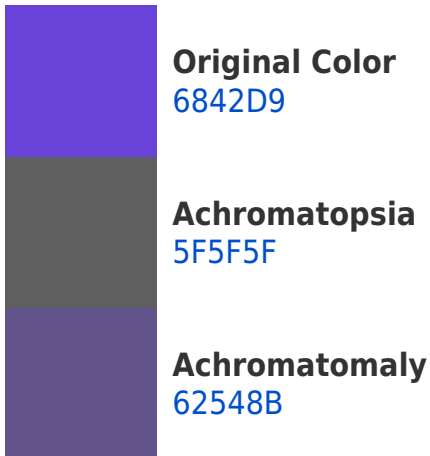


**Tritanopia**  
46656E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6842D9 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 #6842D9 looks like.

```
.text, #text, p{  
    color:#6842D9  
}
```

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 #6842D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6842D9
}
```

## Border

The CSS property to change the border of an element to Hex 6842D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

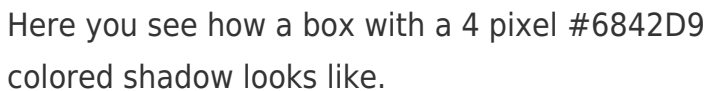
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6842D9 }
```

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

```
.border{ border-color:#6842D9 }
```

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



Here you see how a box with a 4 pixel #6842D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6842D9; -webkit-box-shadow:4px 4px  
4px 4px #6842D9; box-shadow:4px 4px 4px  
4px #6842D9 }
```

# Background

The CSS property to change the background color of an element to Hex 6842D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6842D9 }
```

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

```
.background{ background-color:#6842D9 }
```

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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