

Converting Colors

Hex(6840BD)

Have a look what the booklet for
Hex(6840BD) contains.

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Color

Hex(6840BD)

Conversions

Conversions Part 1

Format	Color
Hex	6840BD
RGB	104, 64, 189
RGB Percent	41%, 25%, 74%
CMY	0.5922, 0.7490, 0.2588
CMYK	0.45, 0.66, 0.00, 0.26
HSL	259°, 49%, 50%
HSV	259°, 66%, 74%
XYZ	16.7276, 10.2840, 49.2475
YIQ	90.2100, -16.2850, 47.3550

Conversions

Conversions Part 2

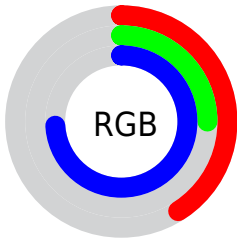
Format	Color
RYB	104, 64, 189
Decimal	6832317
CIELab	38.35, 45.94, -59.82
CIELCh	38, 75.428, 307.526
Yxy	10.2840, 0.2194, 0.1349
Android (android.graphics.Color)	4285022397 (0xFF6840BD)
YUV	90.2100, 48.7035, 12.0938
Hunter-Lab	32.0686, 36.9890, -68.6030

Details

The Hex color **6840BD** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **95BD40**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A172F6**, and **2C0E87** is the 20% darker color. If you saturate the color by 10%, you get **5B2DBD**, and if you desaturate by 10%, it is **7553BD**.

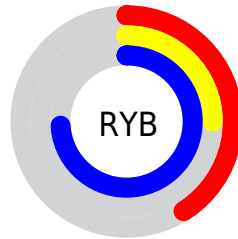
Distribution



Red (41%)

Green (25%)

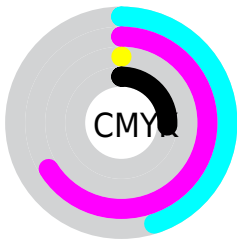
Blue (74%)



Red (41%)

Yellow (25%)

Blue (74%)

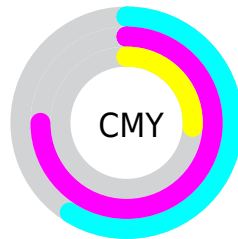


Cyan (45%)

Magenta (66%)

Yellow (0%)

Black (26%)



Cyan (59%)

Magenta (75%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6840BD 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 6840BD by changing the saturation by 10% instead.

6840BD

6840BD

FFFFFF

4B28A1

A172F6

2C0E87

BE8CFF

00006C

DBA7FF

000053

F9C3FF

00063B

FFDFFF

000224

FFFCFF

00010D

000000

6840BD

6840BD

■ 5B2DBD

■ 7553BD

■ 4E1ABD

■ 8266BD

■ 4107BD

■ 8F79BD

■ 3C00BD

■ 9B8CBD

■ A89FBD

■ B5B1BD

■ C2C4BD

■ CFD7BD

■ DCEABD

Harmonies

Analogous

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



005ED6



6840BD



AB008A

Triad

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



6840BD



934500



007269

Complementary

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



6840BD



95BD40

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.



007027



6840BD



615D00

Square

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



6840BD



B51211



0E6A00



0072A4

Rectangle

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



6840BD



BD0062



0E6A00



007253

Sweetspot

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



6840BD



D4C4F5



4095BD



665D7A



FAFAFA



7A7A7A

Same Dimension

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



6840BD



7133F5



A640BD



58555E



33009E



0A001F

Inverse Universe

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



BD4095



F533B7



57BD40



5E555B



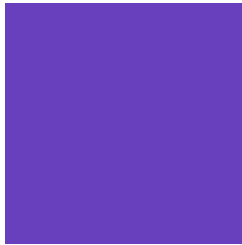
9E006C



1F0015

Previews

White Background



This preview shows how the Hex color 6840BD looks on a white background.

Color Contrast Check

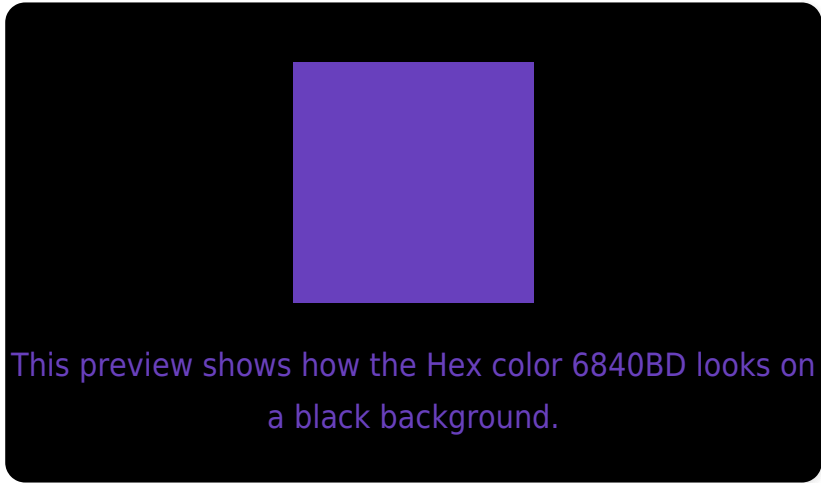
Large Text (above 18pt) WCAG AA ✓ Pass

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

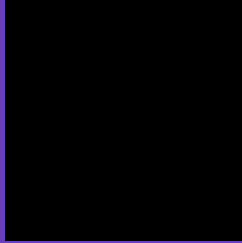
Any Text WCAG AA × Fail

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 6840BD Background



This preview shows how black text looks on a background with the Hex color 6840BD.

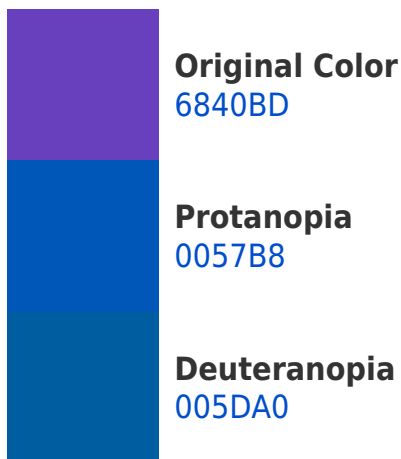



This preview shows how white text looks on a background with the Hex color 6840BD.

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](#).

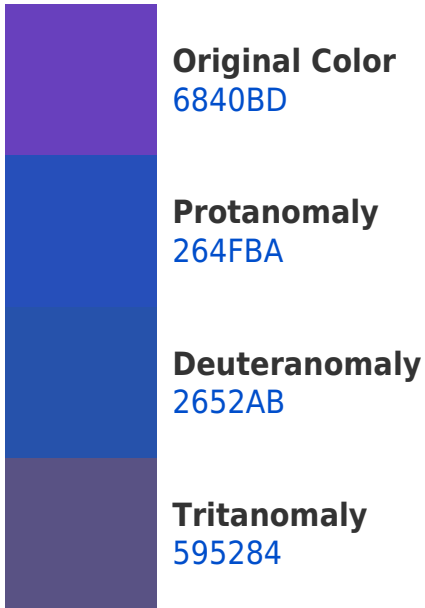
Dichromacy



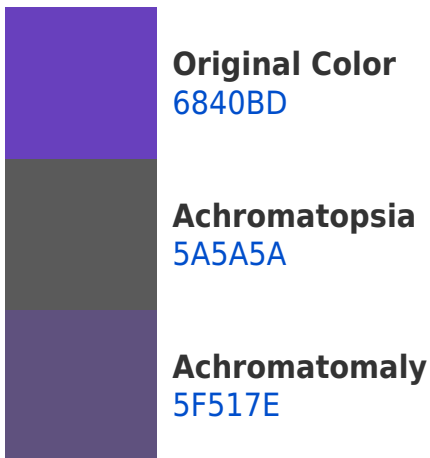


Tritanopia
515C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6840BD 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 #6840BD looks like.

```
.text, #text, p{  
    color:#6840BD  
}
```

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 #6840BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6840BD
}
```

Border

The CSS property to change the border of an element to Hex 6840BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

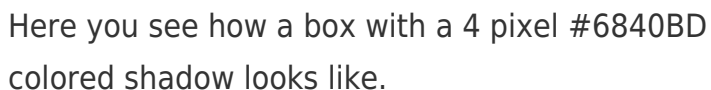
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6840BD }
```

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

```
.border{ border-color:#6840BD }
```

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



Here you see how a box with a 4 pixel #6840BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6840BD; -webkit-box-shadow:4px 4px  
4px 4px #6840BD; box-shadow:4px 4px 4px  
4px #6840BD }
```

Background

The CSS property to change the background color of an element to Hex 6840BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6840BD }
```

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

```
.background{ background-color:#6840BD }
```

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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