

Converting Colors

Hex(6B42B0)

Have a look what the booklet for
Hex(6B42B0) contains.

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Color

Hex(6B42B0)

Conversions

Conversions Part 1

Format	Color
Hex	6B42B0
RGB	107, 66, 176
RGB Percent	42%, 26%, 69%
CMY	0.5804, 0.7412, 0.3098
CMYK	0.39, 0.62, 0.00, 0.31
HSL	262°, 45%, 47%
HSV	262°, 62%, 69%
XYZ	15.8481, 10.1568, 42.1995
YIQ	90.7990, -10.8740, 42.9020

Conversions

Conversions Part 2

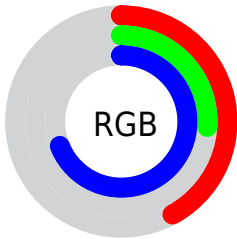
Format	Color
R_{YB}	107, 66, 176
Decimal	7029424
CIE _{Lab}	38.12, 41.91, -52.50
CIE _{LCh}	38, 67.182, 308.601
Yxy	10.1568, 0.2324, 0.1489
Android (android.graphics.Color)	4285219504 (0xFF6B42B0)
YUV	90.7990, 42.0041, 14.2083
Hunter-Lab	31.8698, 32.9918, -56.1984

Details

The Hex color **6B42B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **87B042**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A374E8**, and **33117A** is the 20% darker color. If you saturate the color by 10%, you get **6030B0**, and if you desaturate by 10%, it is **7654B0**.

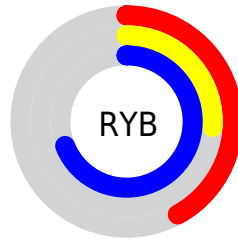
Distribution



Red (42%)

Green (26%)

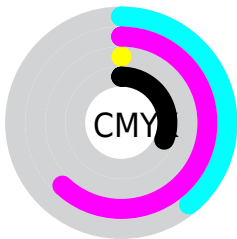
Blue (69%)



Red (42%)

Yellow (26%)

Blue (69%)

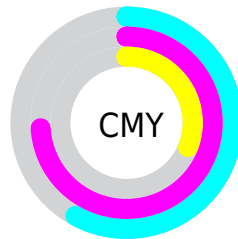


Cyan (39%)

Magenta (62%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (74%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B42B0 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 6B42B0 by changing the saturation by 10% instead.

 6B42B0

 6B42B0

FFFFFF

 502A95

 A374E8

 33117A

 BF8EFF

 120061

 DCA9FF

 000049

 FAC5FF

 000431

 FFE1FF

 00011B

FFFEFF

 000000

 6B42B0

 6B42B0

 6030B0

 7654B0

■ 551FB0

■ 8165B0

■ 4A0DB0

■ 8C77B0

■ 4200B0

■ 9788B0

■ A29AB0

■ ADACB0

■ B8BDB0

■ C3CFB0

■ CEE0B0

Harmonies

Analogous

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



005CC7



6B42B0



A41883

Triad

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



6B42B0



8D4800



007069

Complementary

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



6B42B0



87B042

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.



006E2F



6B42B0



605D00

Square

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



6B42B0



AB2617



1D6800



00709D

Rectangle

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



6B42B0



B4005F



1D6800



007056

Sweetspot

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



6B42B0



CABAE6



4288B0



625873



F2F2F2



737373

Same Dimension

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



6B42B0



7A39E6



A142B0



545059



390099



0A001A

Inverse Universe

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



B04287



E639A5



51B042



595056



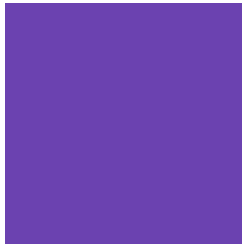
990060



1A0010

Previews

White Background



This preview shows how the Hex color 6B42B0 looks on a white background.

Color Contrast Check

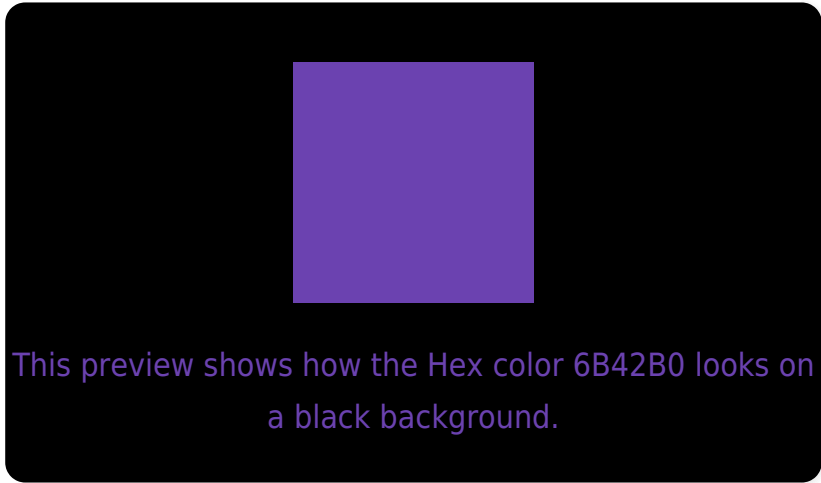
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B42B0 Background



This preview shows how black text looks on a background with the Hex color 6B42B0.

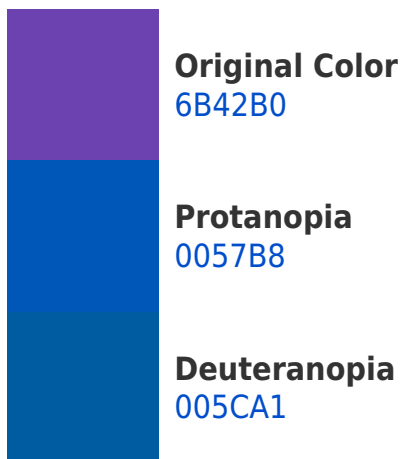


This preview shows how white text looks on a background with the Hex color 6B42B0.

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
595960

Trichromacy



Original Color
6B42B0



Protanomaly
274FB5



Deuteranomaly
2753A6



Tritanomaly
60517D

Monochromacy



Original Color
6B42B0



Achromatopsia
5B5B5B



Achromatomaly
61527A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B42B0 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 #6B42B0 looks like.

```
.text, #text, p{  
    color:#6B42B0  
}
```

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 #6B42B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B42B0
}
```

Border

The CSS property to change the border of an element to Hex 6B42B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

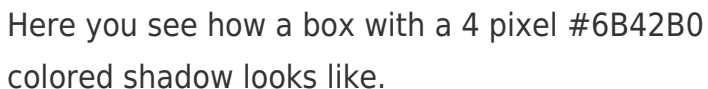
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B42B0 }
```

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

```
.border{ border-color:#6B42B0 }
```

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



Here you see how a box with a 4 pixel #6B42B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B42B0; -webkit-box-shadow:4px 4px  
4px 4px #6B42B0; box-shadow:4px 4px 4px  
4px #6B42B0 }
```

Background

The CSS property to change the background color of an element to Hex 6B42B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B42B0 }
```

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

```
.background{ background-color:#6B42B0 }
```

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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