

Converting Colors

Hex(6D4CB4)

Have a look what the booklet for
Hex(6D4CB4) contains.

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Color

Hex(6D4CB4)

Conversions

Conversions Part 1

Format	Color
Hex	6D4CB4
RGB	109, 76, 180
RGB Percent	43%, 30%, 71%
CMY	0.5725, 0.7020, 0.2941
CMYK	0.39, 0.58, 0.00, 0.29
HSL	259°, 41%, 50%
HSV	259°, 58%, 71%
XYZ	17.1293, 11.7154, 44.5385
YIQ	97.7230, -13.7160, 39.3400

Conversions

Conversions Part 2

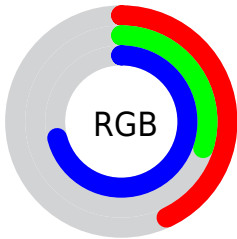
Format	Color
R _Y B	109, 76, 180
Decimal	7163060
CIE Lab	40.76, 37.77, -50.60
CIE LCh	41, 63.144, 306.738
Yxy	11.7154, 0.2334, 0.1596
Android (android.graphics.Color)	4285353140 (0xFF6D4CB4)
YUV	97.7230, 40.5626, 9.8899
Hunter-Lab	34.2277, 29.4321, -53.1911

Details

The Hex color **6D4CB4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **93B44C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A47EED**, and **361D7E** is the 20% darker color. If you saturate the color by 10%, you get **613AB4**, and if you desaturate by 10%, it is **795EB4**.

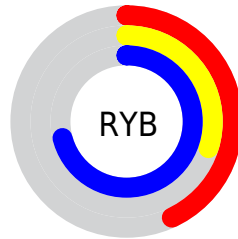
Distribution



Red (43%)

Green (30%)

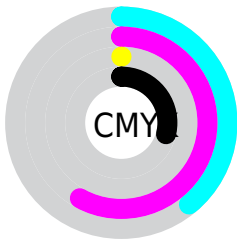
Blue (71%)



Red (43%)

Yellow (30%)

Blue (71%)

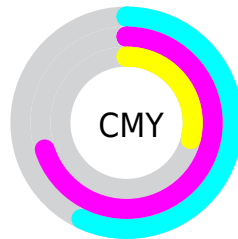


Cyan (39%)

Magenta (58%)

Yellow (0%)

Black (29%)



Cyan (57%)

Magenta (70%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4CB4 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 6D4CB4 by changing the saturation by 10% instead.

 6D4CB4

 6D4CB4

FFFFFF

 523499

 A47EED

 361D7E

 C198FF

 160665

 DEB3FF

 00004C

 FBCFFF

 000434

 FFECFF

 00021E

 000000

 6D4CB4

 6D4CB4

 613AB4

 795EB4

5428B4

8670B4

4816B4

9282B4

3C04B4

9E94B4

3900B4

AAA6B4

B7B8B4

C3CAB4

CFDCB4

DCEEB4

Harmonies

Analogous

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



0063C8



6D4CB4



A52D8A

Triad

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



6D4CB4



954E00



00766B

Complementary

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



6D4CB4



93B44C

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.



007434



6D4CB4



6B6200

Square

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



6D4CB4



B13225



316E00



00769D

Rectangle

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



6D4CB4



B61B68



316E00



007659

Sweetspot

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



6D4CB4



CFC3EB



4C93B4



655E75



F5F5F5



757575

Same Dimension

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



6D4CB4



7C49EB



A14CB4



535059



310099



08001A

Inverse Universe

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



B44C93



EB49B7



5FB44C



595056



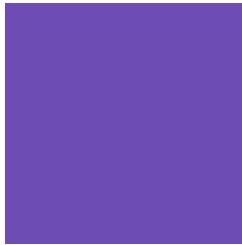
990068



1A0011

Previews

White Background



This preview shows how the Hex color 6D4CB4 looks on a white background.

Color Contrast Check

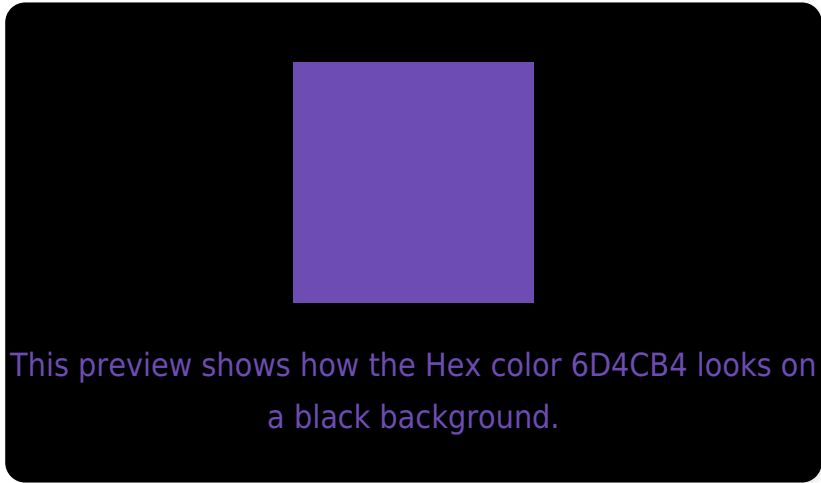
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D4CB4 Background



This preview shows how black text looks on a background with the Hex color 6D4CB4.

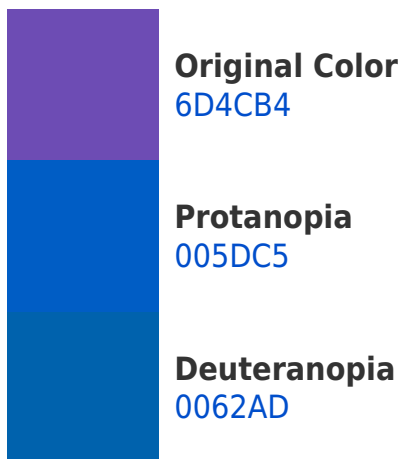


This preview shows how white text looks on a background with the Hex color 6D4CB4.

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
5C6068

Trichromacy



Original Color
6D4CB4



Protanomaly
2857BF



Deuteranomaly
285AB0



Tritanomaly
625984

Monochromacy



Original Color
6D4CB4



Achromatopsia
626262



Achromatomaly
665A80

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4CB4 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 #6D4CB4 looks like.

```
.text, #text, p{  
    color:#6D4CB4  
}
```

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 #6D4CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4CB4
}
```

Border

The CSS property to change the border of an element to Hex 6D4CB4 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
#6D4CB4 }
```

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

```
.border{ border-color:#6D4CB4 }
```

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

Here you see how a box with a 4 pixel #6D4CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4CB4; -webkit-box-shadow:4px 4px  
4px 4px #6D4CB4; box-shadow:4px 4px 4px  
4px #6D4CB4 }
```

Background

The CSS property to change the background color of an element to Hex 6D4CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4CB4 }
```

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

```
.background{ background-color:#6D4CB4 }
```

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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