

Converting Colors

Hex(6C5DB2)

Have a look what the booklet for
Hex(6C5DB2) contains.

Hex(6C5DB2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C5DB2)

Conversions

Conversions Part 1

Format	Color
Hex	6C5DB2
RGB	108, 93, 178
RGB Percent	42%, 36%, 70%
CMY	0.5765, 0.6353, 0.3020
CMYK	0.39, 0.48, 0.00, 0.30
HSL	251°, 36%, 53%
HSV	251°, 48%, 70%
XYZ	18.1346, 14.2312, 43.9106
YIQ	107.1750, -18.3450, 29.6150

Conversions

Conversions Part 2

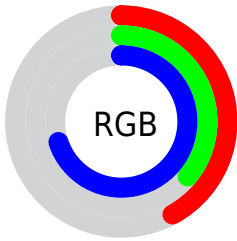
Format	Color
R _Y B	108, 93, 178
Decimal	7101874
CIE Lab	44.56, 26.80, -43.34
CIE LCh	45, 50.961, 301.728
Yxy	14.2312, 0.2377, 0.1866
Android (android.graphics.Color)	4285291954 (0xFF6C5DB2)
YUV	107.1750, 34.9167, 0.7235
Hunter-Lab	37.7243, 19.7900, -42.6059

Details

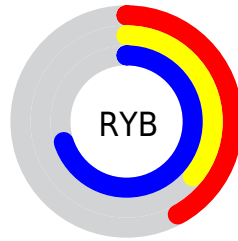
The Hex color **6C5DB2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A3B25D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A390EA**, and **372F7D** is the 20% darker color. If you saturate the color by 10%, you get **5D4BB2**, and if you desaturate by 10%, it is **7B6FB2**.

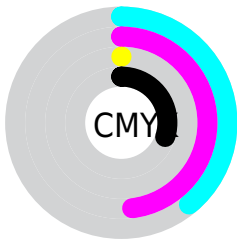
Distribution



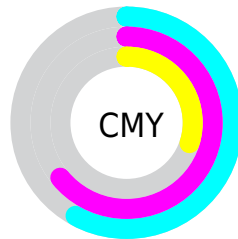
- Red (42%)
- Green (36%)
- Blue (70%)



- Red (42%)
- Yellow (36%)
- Blue (70%)



- Cyan (39%)
- Magenta (48%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C5DB2 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 6C5DB2 by changing the saturation by 10% instead.



6C5DB2



6C5DB2

FFFFFF



514597



A390EA



372F7D



BFAAFF



191963



DBC5FF



00034B



F8E2FF



000233

FFFEFF



00021D



000000



6C5DB2



6C5DB2



5D4BB2



7B6FB2

■ 4F39B2

■ 8981B2

■ 4028B2

■ 9892B2

■ 3116B2

■ A7A4B2

■ 2304B2

■ B5B6B2

■ 1F00B2

■ C4C8B2

■ D3DAB2

■ E1EBB2

■ F0FDB2

Harmonies

Analogous

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



006EBF



6C5DB2



9E4A92

Triad

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



6C5DB2



9D581B



007D6B

Complementary

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



6C5DB2



A3B25D

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.



007A3F



6C5DB2



7C6801

Square

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



6C5DB2



B2463F



517418



007D95

Rectangle

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



6C5DB2



AF4177



517418



007C5C

Sweetspot

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



6C5DB2



CDC8E8



5DA4B2



656175



F5F5F5



757575

Same Dimension

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



6C5DB2



7B64E8



965DB2



525059



1B0099



04001A

Inverse Universe

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



B25DA3



E864D1



79B25D



595058



99007E



1A0015

Previews

White Background



This preview shows how the Hex color 6C5DB2 looks on a white background.

Color Contrast Check

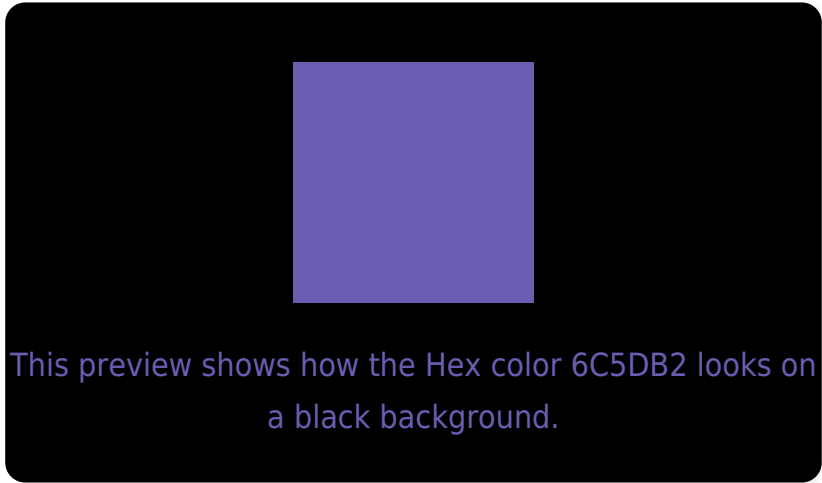
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C5DB2 Background



This preview shows how black text looks on a background with the Hex color 6C5DB2.

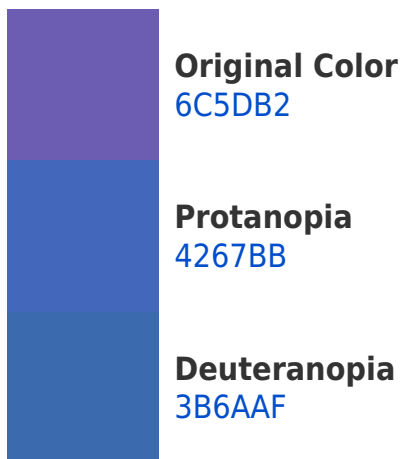


This preview shows how white text looks on a background with the Hex color 6C5DB2.

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](#).

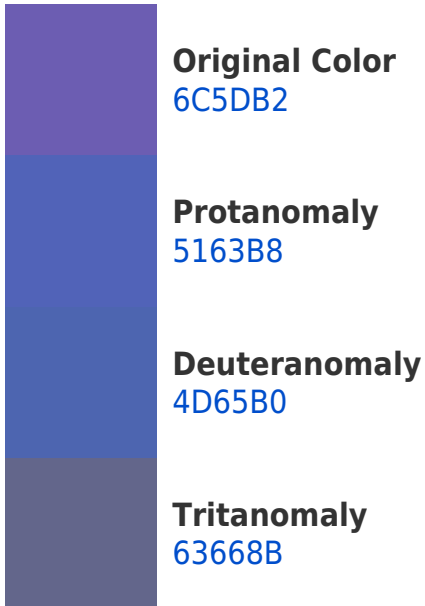
Dichromacy





Tritanopia
5E6B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C5DB2 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 #6C5DB2 looks like.

```
.text, #text, p{  
    color:#6C5DB2  
}
```

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 #6C5DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5DB2
}
```

Border

The CSS property to change the border of an element to Hex 6C5DB2 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
#6C5DB2 }
```

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

```
.border{ border-color:#6C5DB2 }
```

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

Here you see how a box with a 4 pixel #6C5DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5DB2; -webkit-box-shadow:4px 4px  
4px 4px #6C5DB2; box-shadow:4px 4px 4px  
4px #6C5DB2 }
```

Background

The CSS property to change the background color of an element to Hex 6C5DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5DB2 }
```

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

```
.background{ background-color:#6C5DB2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor