

Converting Colors

Hex(6851CB)

Have a look what the booklet for
Hex(6851CB) contains.

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Color

Hex(6851CB)

Conversions

Conversions Part 1

Format	Color
Hex	6851CB
RGB	104, 81, 203
RGB Percent	41%, 32%, 80%
CMY	0.5922, 0.6824, 0.2039
CMYK	0.49, 0.60, 0.00, 0.20
HSL	251°, 54%, 56%
HSV	251°, 60%, 80%
XYZ	19.4308, 13.1397, 58.0120
YIQ	101.7850, -25.4540, 42.8180

Conversions

Conversions Part 2

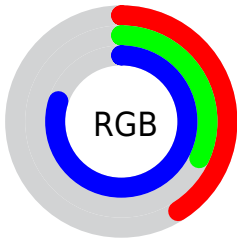
Format	Color
R_{YB}	104, 81, 203
Decimal	6836683
CIE _{Lab}	42.97, 40.35, -60.46
CIE _{LCh}	43, 72.689, 303.721
Yxy	13.1397, 0.2145, 0.1451
Android (android.graphics.Color)	4285026763 (0xFF6851CB)
YUV	101.7850, 49.8990, 1.9426
Hunter-Lab	36.2487, 32.2482, -69.5128

Details

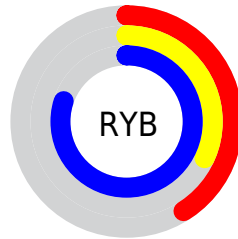
The Hex color **6851CB** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **B4CB51**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A283FF**, and **2A2294** is the 20% darker color. If you saturate the color by 10%, you get **583DCB**, and if you desaturate by 10%, it is **7865CB**.

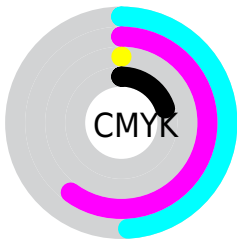
Distribution



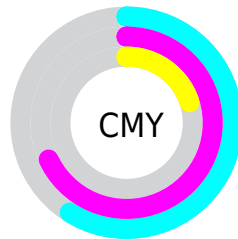
- Red (41%)
- Green (32%)
- Blue (80%)



- Red (41%)
- Yellow (32%)
- Blue (80%)



- Cyan (49%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)



- Cyan (59%)
- Magenta (68%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6851CB 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 6851CB by changing the saturation by 10% instead.

6851CB

6851CB

FFFFFF

4B39AF

A283FF

2A2294

BF9EFF

000C79

DCB9FF

000060

FAD5FF

000047

FFF1FF

000430

00011A

000000

6851CB

6851CB

■ 583DCB

■ 7865CB

■ 4728CB

■ 897ACB

■ 3714CB

■ 998ECB

■ 2600CB

■ AAA2CB

■ BAB7CB

■ CBCBCB

■ DBDFCB

■ ECF3CB

■ FCFFCB

Harmonies

Analogous

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



006BDF



6851CB



B1279C

Triad

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



6851CB



A44D00



007E6C

Complementary

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



6851CB



B4CB51

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.



007B2B



6851CB



766600

Square

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



6851CB



C42526



347400



007EA7

Rectangle

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



6851CB



C60075



347400



007D57

Sweetspot

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



6851CB



DAD1FF



51B5CB



696380



000000



808080

Same Dimension

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



6851CB



6A47FF



A451CB



5E5C66



1F00A6



070026

Inverse Universe

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



CB51B4



FF47DC



78CB51



665C64



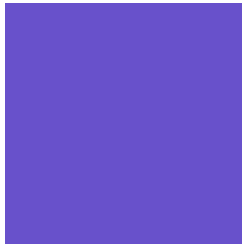
A60087



26001F

Previews

White Background



This preview shows how the Hex color 6851CB 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

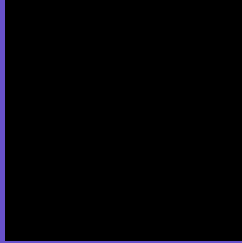
Any Text WCAG AA × Fail

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 6851CB Background



This preview shows how black text looks on a background with the Hex color 6851CB.

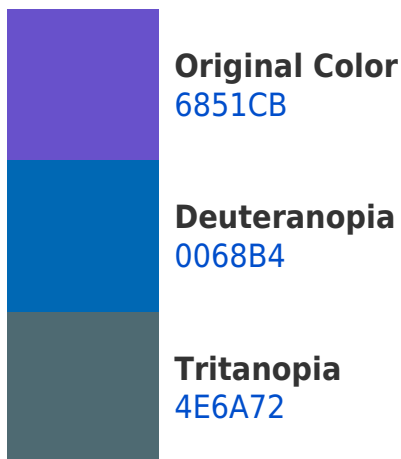


This preview shows how white text looks on a background with the Hex color 6851CB.

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



Trichromacy



Original Color
6851CB



Deuteranomaly
2660BC



Tritanomaly
576192

Monochromacy



Original Color
6851CB



Achromatopsia
666666



Achromatomaly
675E8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6851CB 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 #6851CB looks like.

```
.text, #text, p{  
    color:#6851CB  
}
```

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 #6851CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6851CB
}
```

Border

The CSS property to change the border of an element to Hex 6851CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

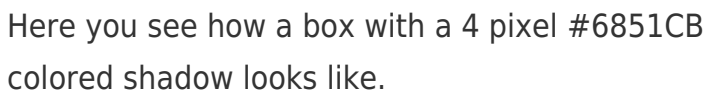
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6851CB }
```

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

```
.border{ border-color:#6851CB }
```

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



Here you see how a box with a 4 pixel #6851CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6851CB; -webkit-box-shadow:4px 4px  
4px 4px #6851CB; box-shadow:4px 4px 4px  
4px #6851CB }
```

Background

The CSS property to change the background color of an element to Hex 6851CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6851CB }
```

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

```
.background{ background-color:#6851CB }
```

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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