

# Converting Colors

Hex(6851CE)

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

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# Color

**Hex(6851CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6851CE
RGB	104, 81, 206
RGB Percent	41%, 32%, 81%
CMY	0.5922, 0.6824, 0.1922
CMYK	0.50, 0.61, 0.00, 0.19
HSL	251°, 56%, 56%
HSV	251°, 61%, 81%
XYZ	19.7919, 13.2841, 59.9135
YIQ	102.1270, -26.4170, 43.7510

# Conversions

## Conversions Part 2

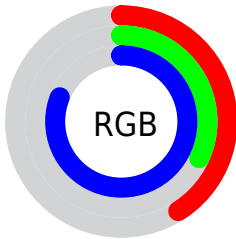
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 81, 206</a>
Decimal	<a href="#">6836686</a>
CIELab	<a href="#">43.19, 41.24, -61.84</a>
CIElCh	<a href="#">43, 74.330, 303.697</a>
Yxy	<a href="#">13.2841, 0.2128, 0.1429</a>
Android (android.graphics.Color)	<a href="#">4285026766 (0xFF6851CE)</a>
YUV	<a href="#">102.1270, 51.2094, 1.6426</a>
Hunter-Lab	<a href="#">36.4474, 33.1473, -71.9496</a>

# Details

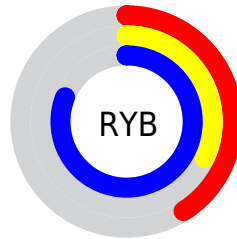
The Hex color **6851CE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted purple. A complement of this color would be **B7CE51**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A283FF**, and **292297** is the 20% darker color. If you saturate the color by 10%, you get **573CCE**, and if you desaturate by 10%, it is **7966CE**.

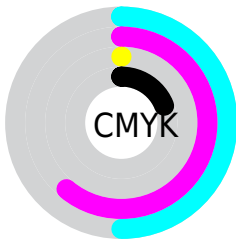
# Distribution



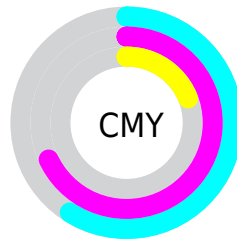
- Red (41%)
- Green (32%)
- Blue (81%)



- Red (41%)
- Yellow (32%)
- Blue (81%)



- Cyan (50%)
- Magenta (61%)
- Yellow (0%)
- Black (19%)



- Cyan (59%)
- Magenta (68%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



■ 6851CE

■ 6851CE

FFFFFF

■ 4A39B2

■ A283FF

■ 292297

■ BF9EFF

■ 000C7C

■ DDB9FF

■ 000062

■ FBD5FF

■ 00004A

■ FFF1FF

■ 000432

■ 00021C

■ 000000

■ 6851CE

■ 6851CE

573CCE

7966CE

4628CE

8A7ACE

3613CE

9A8FCE

2600CE

ABA3CE

BCB8CE

CDCDCE

DEE1CE

EEF6CE

FFFFCE

# Harmonies

## Analogous

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



006CE3



6851CE



B3249E

# Triad

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



6851CE



A64D00



007F6C

# Complementary

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



6851CE



B7CE51

# 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.



007C2A



6851CE



766600

# Square

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



6851CE



C62225



327500



007FA9

# Rectangle

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



6851CE



C90076



327500



007E57



# Sweetspot

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



6851CE



DAD1FF



51B7CE



696380



000000



808080



# Same Dimension

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



6851CE



6745FF



A651CE



5E5C66



1E00A6



070026



# Inverse Universe

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



CE51B7



FF45DD



79CE51



665C64



A60087



26001F



# Previews

## White Background



This preview shows how the Hex color 6851CE 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

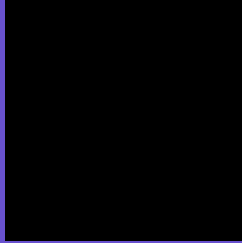
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6851CE Background



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



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

# 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](#).

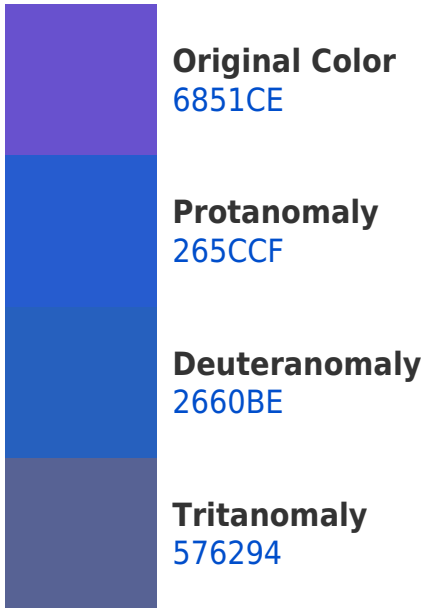
## Dichromacy





**Tritanopia**  
4D6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6851CE colored shadow looks like.

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

## Border

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

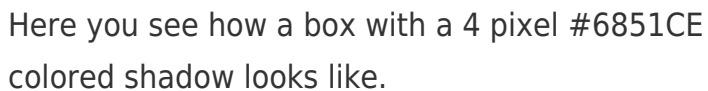
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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