

# Converting Colors

Hex(6864CF)

Have a look what the booklet for  
Hex(6864CF) contains.

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# Color

**Hex(6864CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6864CF
RGB	104, 100, 207
RGB Percent	41%, 39%, 81%
CMY	0.5922, 0.6078, 0.1882
CMYK	0.50, 0.52, 0.00, 0.19
HSL	242°, 53%, 60%
HSV	242°, 52%, 81%
XYZ	21.5286, 16.5624, 61.0937
YIQ	113.3940, -31.9630, 34.1250

# Conversions

## Conversions Part 2

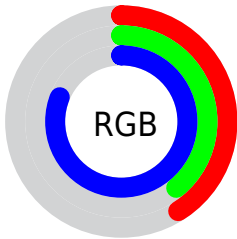
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 100, 207</a>
Decimal	<a href="#">6841551</a>
<a href="#">CIELab</a>	<a href="#">47.70, 30.20, -55.12</a>
<a href="#">CIElCh</a>	<a href="#">48, 62.855, 298.717</a>
<a href="#">Yxy</a>	<a href="#">16.5624, 0.2171, 0.1670</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285031631 (0xFF6864CF)</a>
<a href="#">YUV</a>	<a href="#">113.3940, 46.1478, -8.2385</a>
<a href="#">Hunter-Lab</a>	<a href="#">40.6969, 23.2065, -60.5175</a>

# Details

The Hex color **6864CF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CBCF64**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A197FF**, and **2B3598** is the 20% darker color. If you saturate the color by 10%, you get **544FCF**, and if you desaturate by 10%, it is **7C79CF**.

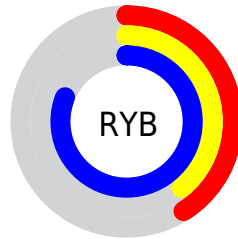
# Distribution



Red (41%)

Green (39%)

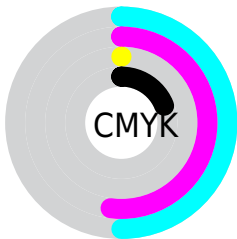
Blue (81%)



Red (41%)

Yellow (39%)

Blue (81%)

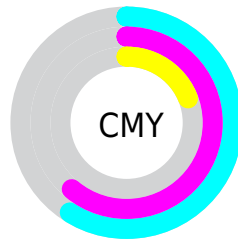


Cyan (50%)

Magenta (52%)

Yellow (0%)

Black (19%)



Cyan (59%)

Magenta (61%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6864CF 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 6864CF by changing the saturation by 10% instead.





6864CF



6864CF

FFFFFF



4B4CB3



A197FF



2B3598



BEB2FF



00207D



DBCDFF



000D64



F9E9FF



00004B



000433



00021D



000000



6864CF



6864CF

■ 544FCF

■ 7C79CF

■ 403BCF

■ 908DCF

■ 2C26CF

■ A4A2CF

■ 1811CF

■ B8B7CF

■ 0800CF

■ CCCCCF

■ E0E0CF

■ F3F5CF

■ FFFFCF

# Harmonies

## Analogous

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



0079DC



6864CF



AE49A9

# Triad

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



6864CF



B2580D



00886D

# Complementary

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



6864CF



CBCF64

# 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.



008536



6864CF



8B6E00

# Square

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



6864CF



CB3F42



567D00



0089A3

# Rectangle

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



6864CF



C53988



567D00



00885B



# Sweetspot

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



6864CF



D8D6FF



64CBCF



686780



000000



808080



# Same Dimension

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



6864CF



6761FF



9D64CF



5E5E69



0600A8



020029



# Inverse Universe

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



CF64CB



FF61F9



96CF64



695E68



A800A2

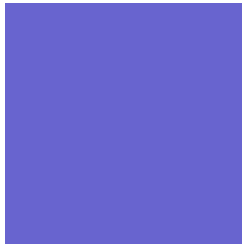


290027



# Previews

## White Background



This preview shows how the Hex color 6864CF looks on a white background.

## Color Contrast Check

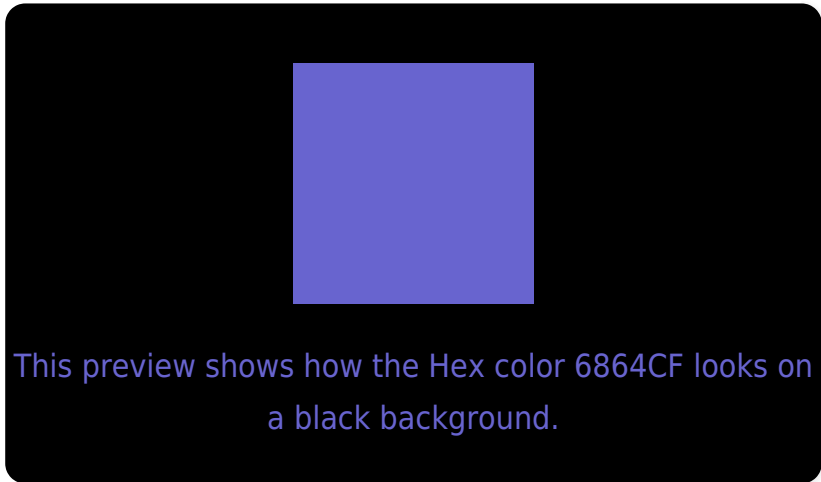
Large Text (above 18pt) WCAG AA ✓ Pass

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

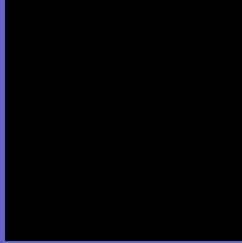
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6864CF Background



This preview shows how black text looks on a background with the Hex color 6864CF.



This preview shows how white text looks on a background with the Hex color 6864CF.

# 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](#).

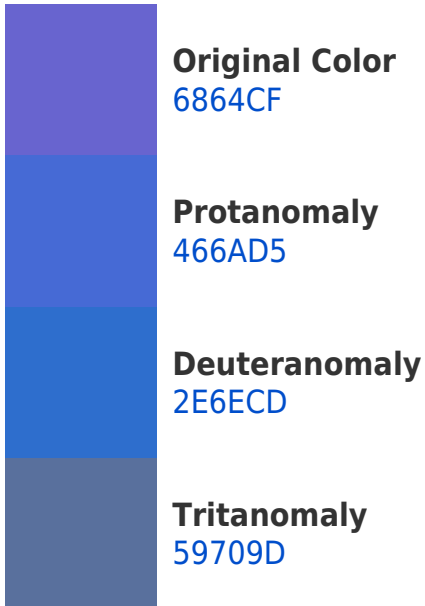
## Dichromacy





**Tritanopia**  
507781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6864CF 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 #6864CF looks like.

```
.text, #text, p{  
    color:#6864CF  
}
```

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 #6864CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6864CF
}
```

## Border

The CSS property to change the border of an element to Hex 6864CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

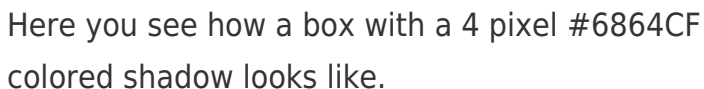
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6864CF }
```

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

```
.border{ border-color:#6864CF }
```

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



Here you see how a box with a 4 pixel #6864CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6864CF; -webkit-box-shadow:4px 4px  
4px 4px #6864CF; box-shadow:4px 4px 4px  
4px #6864CF }
```

# Background

The CSS property to change the background color of an element to Hex 6864CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6864CF }
```

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

```
.background{ background-color:#6864CF }
```

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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