

Converting Colors

Hex(6850DF)

Have a look what the booklet for
Hex(6850DF) contains.

Hex(6850DF)	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(6850DF)

Conversions

Conversions Part 1

Format	Color
Hex	6850DF
RGB	104, 80, 223
RGB Percent	41%, 31%, 87%
CMY	0.5922, 0.6863, 0.1255
CMYK	0.53, 0.64, 0.00, 0.13
HSL	250°, 69%, 59%
HSV	250°, 64%, 87%
XYZ	21.8969, 14.0081, 71.3618
YIQ	103.4780, -31.5990, 49.5610

Conversions

Conversions Part 2

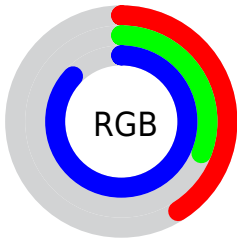
Format	Color
RYB	104, 80, 223
Decimal	6836447
CIELab	44.24, 46.84, -69.86
CIELCh	44, 84.106, 303.843
Yxy	14.0081, 0.2041, 0.1306
Android (android.graphics.Color)	4285026527 (0xFF6850DF)
YUV	103.4780, 58.9243, 0.4578
Hunter-Lab	37.4274, 38.9334, -86.8475

Details

The Hex color **6850DF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **C7DF50**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A483FF**, and **2220A7** is the 20% darker color. If you saturate the color by 10%, you get **553ADF**, and if you desaturate by 10%, it is **7B66DF**.

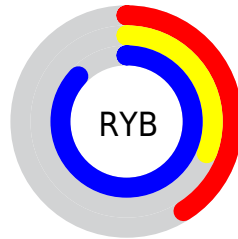
Distribution



Red (41%)

Green (31%)

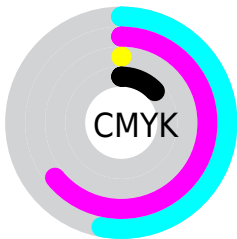
Blue (87%)



Red (41%)

Yellow (31%)

Blue (87%)

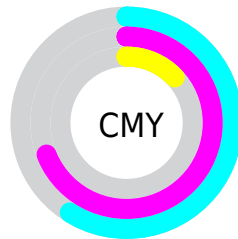


Cyan (53%)

Magenta (64%)

Yellow (0%)

Black (13%)



Cyan (59%)

Magenta (69%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6850DF 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 6850DF by changing the saturation by 10% instead.

6850DF

6850DF

FFFFFF

4838C2

A483FF

2220A7

C29DFF

00088B

E0B8FF

000071

FED4FF

000058

FFF1FF

00063F

000328

000112

000000

6850DF

6850DF

553ADF

7B66DF

4323DF

8D7DDF

300DDF

A093DF

2500DF

B2A9DF

C5C0DF

D7D6DF

EAECDF

FCFFDF

FFFFDF

Harmonies

Analogous

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



0070F7



6850DF



BF04A8

Triad

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



6850DF



AF4B00



008470

Complementary

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



6850DF



C7DF50

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.



008123



6850DF



786900

Square

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



6850DF



D3011E



277900



0084B6

Rectangle

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



6850DF



D8007A



277900



008358

Sweetspot

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



6850DF



D7CFFF



50C7DF



676280



000000



808080

Same Dimension

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



6850DF



5C3BFF



AF50DF



676570



1E00B0



080030

Inverse Universe

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



DF50C7



FF3BDE



80DF50



70656E



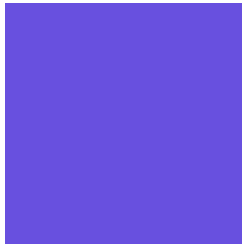
B00092



300028

Previews

White Background



This preview shows how the Hex color 6850DF looks on a white background.

Color Contrast Check

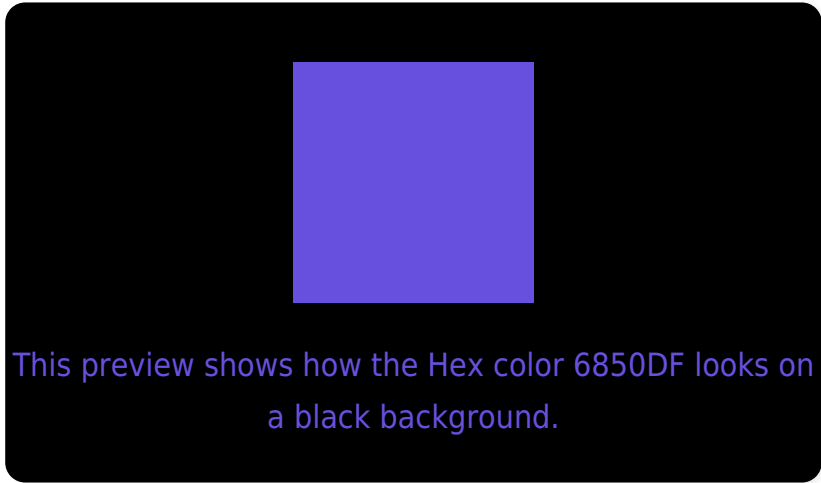
Large Text (above 18pt) WCAG AA ✓ Pass

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

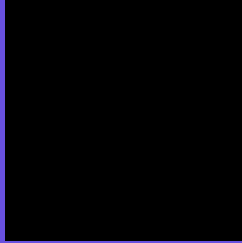
Any Text WCAG AA × Fail

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 6850DF Background



This preview shows how black text looks on a background with the Hex color 6850DF.



This preview shows how white text looks on a background with the Hex color 6850DF.

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](#).

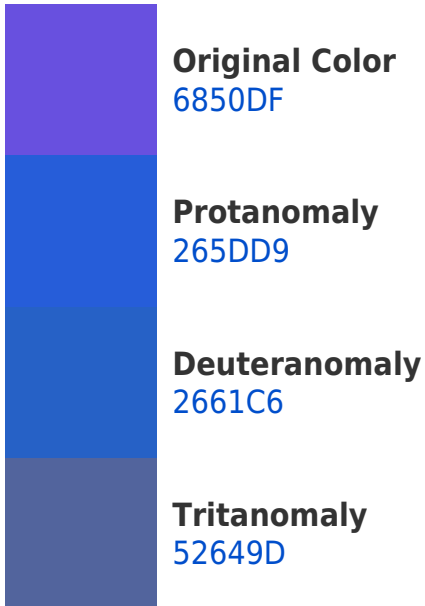
Dichromacy





Tritanopia
466F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6850DF 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 #6850DF looks like.

```
.text, #text, p{  
    color:#6850DF  
}
```

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 #6850DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6850DF
}
```

Border

The CSS property to change the border of an element to Hex 6850DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

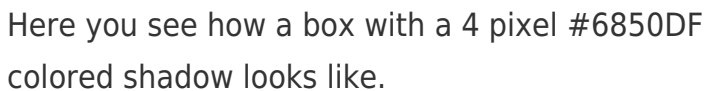
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6850DF }
```

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

```
.border{ border-color:#6850DF }
```

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



Here you see how a box with a 4 pixel #6850DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6850DF; -webkit-box-shadow:4px 4px  
4px 4px #6850DF; box-shadow:4px 4px 4px  
4px #6850DF }
```

Background

The CSS property to change the background color of an element to Hex 6850DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6850DF }
```

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

```
.background{ background-color:#6850DF }
```

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