

# Converting Colors

Hex(6880D5)

Have a look what the booklet for  
Hex(6880D5) contains.

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# **Color**

**Hex(6880D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6880D5
RGB	104, 128, 213
RGB Percent	41%, 50%, 84%
CMY	0.5922, 0.4980, 0.1647
CMYK	0.51, 0.40, 0.00, 0.16
HSL	227°, 56%, 62%
HSV	227°, 51%, 84%
XYZ	25.4383, 23.1855, 66.0853
YIQ	130.5140, -41.5890, 21.3470

# Conversions

## Conversions Part 2

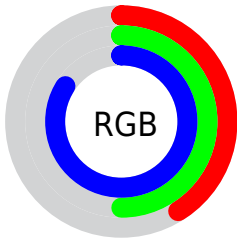
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 124, 213</a>
Decimal	<a href="#">6848725</a>
CIELab	<a href="#">55.26, 15.05, -46.47</a>
CIELCh	<a href="#">55, 48.845, 287.950</a>
Yxy	<a href="#">23.1855, 0.2218, 0.2021</a>
Android (android.graphics.Color)	<a href="#">4285038805 (0xFF6880D5)</a>
YUV	<a href="#">130.5140, 40.6656, -23.2528</a>
Hunter-Lab	<a href="#">48.1513, 10.0367, -47.6667</a>

# Details

The Hex color **6880D5** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **D5BD68**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A1B5FF**, and **2C4F9E** is the 20% darker color. If you saturate the color by 10%, you get **536FD5**, and if you desaturate by 10%, it is **7D91D5**.

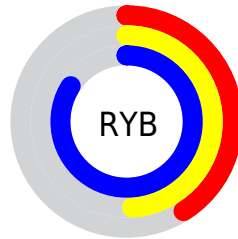
# Distribution



Red (41%)

Green (50%)

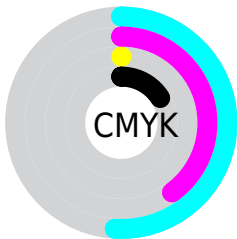
Blue (84%)



Red (41%)

Yellow (49%)

Blue (84%)

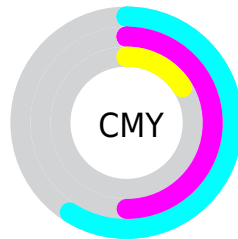


Cyan (51%)

Magenta (40%)

Yellow (0%)

Black (16%)



Cyan (59%)

Magenta (50%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6880D5 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 6880D5 by changing the saturation by 10% instead.



■ 6880D5

■ 6880D5

FFFFFF

■ 4B67B9

■ A1B5FF

■ 2C4F9E

■ BED0FF

■ 003983

■ DBECFF

■ 00246A

■ F9FFFF

■ 001051

■ 000539

■ 000223

■ 000009

■ 000000

■ 6880D5

■ 6880D5

■ 536FD5

■ 7D91D5

■ 3D5FD5

■ 93A1D5

■ 284ED5

■ A8B2D5

■ 133ED5

■ BDC2D5

■ 002FD5

■ D3D3D5

■ E8E4D5

■ FDF4D5

■ FFFFD5

# Harmonies

## Analogous

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



008ED7



6880D5



A76FBD

# Triad

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



6880D5



C66C47



009871

# Complementary

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



6880D5



D5BD68

# 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.



529349



6880D5



AA7C2E

# Square

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



6880D5



D3606D



838A2E



00999D

# Rectangle

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



6880D5



C164A5



838A2E



179763



# Sweetspot

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



6880D5



D9E1FF



68D5BC



696E80



000000



808080



# Same Dimension

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



6880D5



6386FF



8568D5



60636B



0026AB



000A2B



# Inverse Universe

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



D56880



FF6386



B8D568



6B6063



AB0026

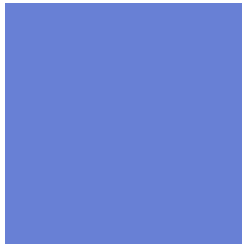


2B000A



# Previews

## White Background



This preview shows how the Hex color 6880D5 looks on a white background.

## Color Contrast Check

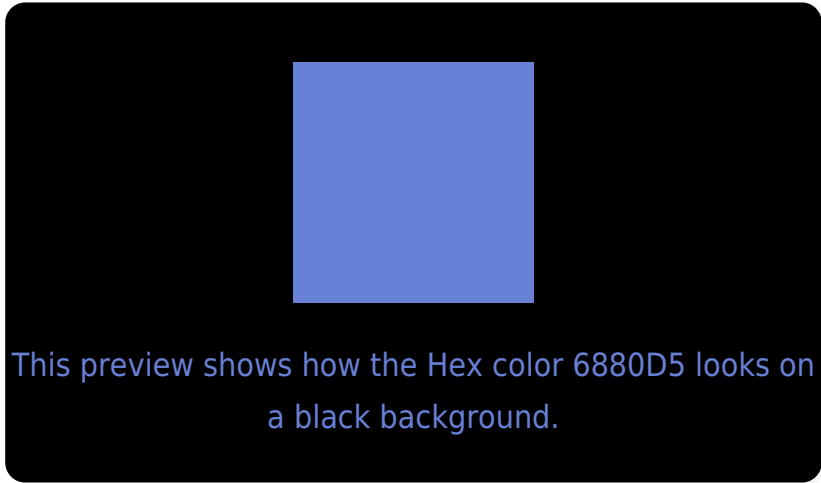
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

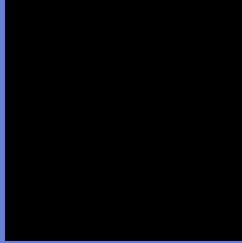
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6880D5 Background



This preview shows how black text looks on a background with the Hex color 6880D5.

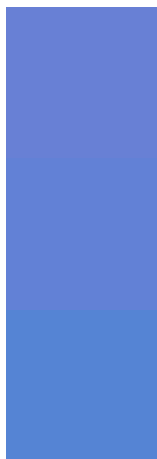


This preview shows how white text looks on a background with the Hex color 6880D5.

# 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



**Original Color**  
6880D5

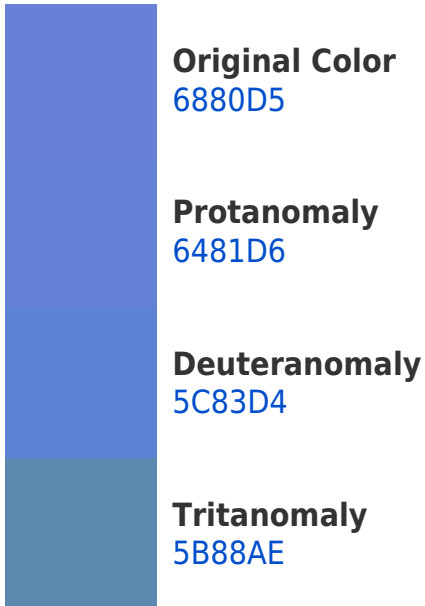
**Protanopia**  
6281D6

**Deuteranopia**  
5584D4



**Tritanopia**  
548D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6880D5 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 #6880D5 looks like.

```
.text, #text, p{  
    color:#6880D5  
}
```

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 #6880D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6880D5
}
```

## Border

The CSS property to change the border of an element to Hex 6880D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

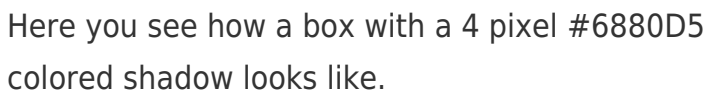
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6880D5 }
```

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

```
.border{ border-color:#6880D5 }
```

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



Here you see how a box with a 4 pixel #6880D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6880D5; -webkit-box-shadow:4px 4px  
4px 4px #6880D5; box-shadow:4px 4px 4px  
4px #6880D5 }
```

# Background

The CSS property to change the background color of an element to Hex 6880D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6880D5 }
```

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

```
.background{ background-color:#6880D5 }
```

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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