

# Converting Colors

Hex(8686D1)

Have a look what the booklet for  
Hex(8686D1) contains.

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# **Color**

**Hex(8686D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8686D1
RGB	134, 134, 209
RGB Percent	53%, 53%, 82%
CMY	0.4745, 0.4745, 0.1804
CMYK	0.36, 0.36, 0.00, 0.18
HSL	240°, 45%, 67%
HSV	240°, 36%, 82%
XYZ	29.8652, 26.7220, 63.9054
YIQ	142.5500, -24.0750, 23.3250

# Conversions

## Conversions Part 2

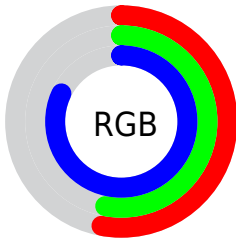
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 134, 209
Decimal	8816337
CIELab	58.72, 17.87, -38.63
CIELCh	59, 42.564, 294.824
Yxy	26.7220, 0.2479, 0.2218
Android (android.graphics.Color)	4287006417 (0xFF8686D1)
YUV	142.5500, 32.7599, -7.4983
Hunter-Lab	51.6933, 12.6631, -37.1114

# Details

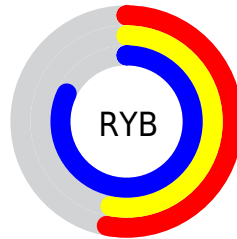
The Hex color **8686D1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D1D186**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BDBBFF**, and **51559A** is the 20% darker color. If you saturate the color by 10%, you get **7171D1**, and if you desaturate by 10%, it is **9B9BD1**.

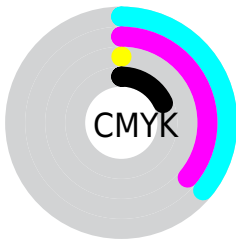
# Distribution



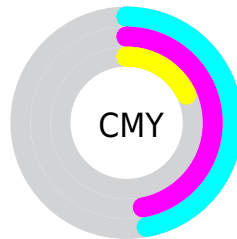
- Red (53%)
- Green (53%)
- Blue (82%)



- Red (53%)
- Yellow (53%)
- Blue (82%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (47%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8686D1 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 8686D1 by changing the saturation by 10% instead.



8686D1

8686D1

FFFFFF

6B6DB5

BDBBFF

51559A

DAD7FF

363D80

F7F3FF

192866

00144E

000037

000220

000005

000000

■ 8686D1

■ 8686D1

■ 7171D1

■ 9B9BD1

■ 5C5CD1

■ B0B0D1

■ 4747D1

■ C5C5D1

■ 3232D1

■ DADAD1

■ 1E1ED1

■ EFEFD1

■ 0909D1

■ FFFFD1

■ 0000D1

# Harmonies

## Analogous

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



3A93D7



8686D1



B578B9

# Triad

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



8686D1



C57B51



00A085

# Complementary

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



8686D1



D1D186

# 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.



579C61



8686D1



A98941

# Square

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



8686D1



D37070



859447



00A0AB

# Rectangle

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



8686D1



C971A2



859447



2C9F78



# Sweetspot

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



8686D1



E3E3FF



86D1D1



6F6F80



000000



808080



# Same Dimension

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



8686D1



9191FF



AB86D1



5E5E69



0000A8



000029



# Inverse Universe

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



D186D1



FF91FF



ABD186



695E69



A800A8

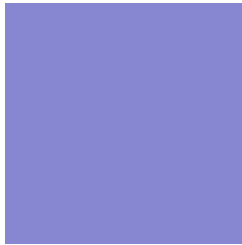


290029



# Previews

## White Background



This preview shows how the Hex color 8686D1 looks on a white background.

## Color Contrast Check

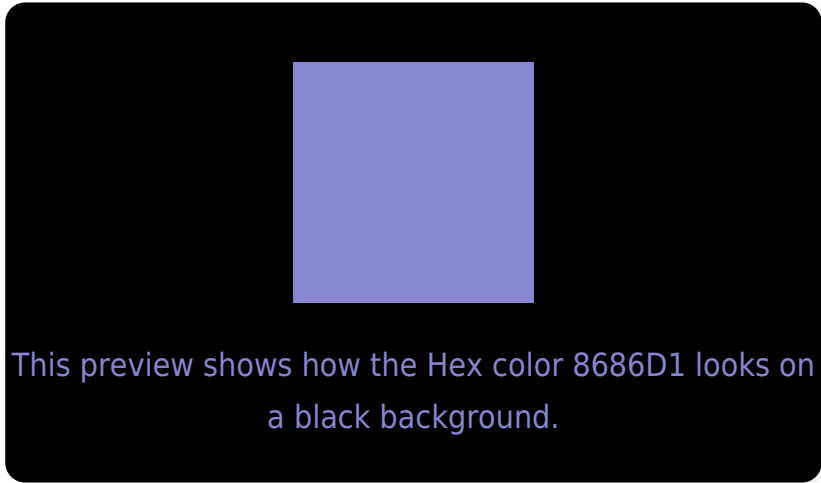
Large Text (above 18pt) WCAG AA ✓ Pass

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 8686D1 Background



This preview shows how black text looks on a background with the Hex color 8686D1.

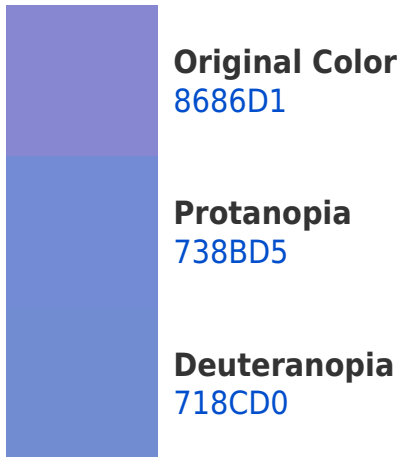



This preview shows how white text looks on a background with the Hex color 8686D1.

# 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](#).

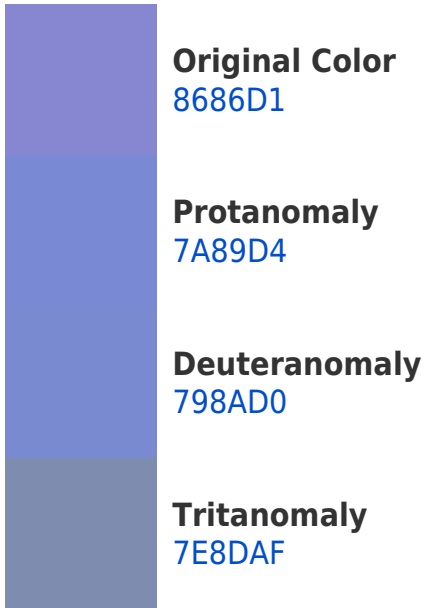
## Dichromacy



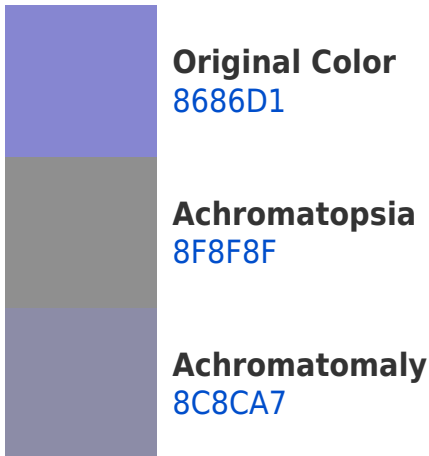


**Tritanopia**  
7A919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8686D1 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 #8686D1 looks like.

```
.text, #text, p{  
    color:#8686D1  
}
```

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 #8686D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8686D1
}
```

## Border

The CSS property to change the border of an element to Hex 8686D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

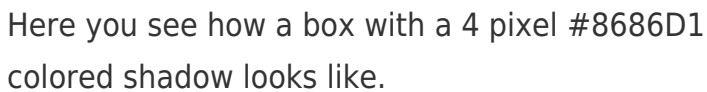
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8686D1 }
```

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

```
.border{ border-color:#8686D1 }
```

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



Here you see how a box with a 4 pixel #8686D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8686D1; -webkit-box-shadow:4px 4px  
4px 4px #8686D1; box-shadow:4px 4px 4px  
4px #8686D1 }
```

# Background

The CSS property to change the background color of an element to Hex 8686D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8686D1 }
```

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

```
.background{ background-color:#8686D1 }
```

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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