

# Converting Colors

Hex(8788D4)

Have a look what the booklet for  
Hex(8788D4) contains.

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# Color

**Hex(8788D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8788D4
RGB	135, 136, 212
RGB Percent	53%, 53%, 83%
CMY	0.4706, 0.4667, 0.1686
CMYK	0.36, 0.36, 0.00, 0.17
HSL	239°, 47%, 68%
HSV	239°, 36%, 83%
XYZ	30.6795, 27.5127, 65.9808
YIQ	144.3650, -24.9920, 23.4240

# Conversions

## Conversions Part 2

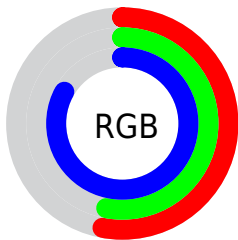
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 136, 212
Decimal	8882388
CIE <sub>Lab</sub>	59.45, 17.79, -39.17
CIE <sub>LCh</sub>	59, 43.015, 294.423
Yxy	27.5127, 0.2471, 0.2216
Android (android.graphics.Color)	4287072468 (0xFF8788D4)
YUV	144.3650, 33.3441, -8.2131
Hunter-Lab	52.4525, 12.6128, -37.8650

# Details

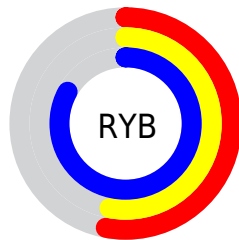
The Hex color **8788D4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D4D387**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BEBDFF**, and **51569D** is the 20% darker color. If you saturate the color by 10%, you get **7273D4**, and if you desaturate by 10%, it is **9C9DD4**.

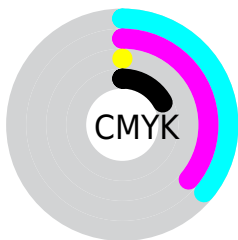
# Distribution



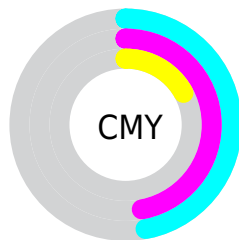
- Red (53%)
- Green (53%)
- Blue (83%)



- Red (53%)
- Yellow (53%)
- Blue (83%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (47%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8788D4 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 8788D4 by changing the saturation by 10% instead.



8788D4

8788D4

FFFFFF

6C6FB8

BEBDFE

51569D

DBD9FF

373F83

F8F5FF

192969

001650

000039

000223

000009

000000

 8788D4

 8788D4

 7273D4

 9C9DD4

 5D5ED4

 B1B2D4

 4749D4

 C7C7D4

 3234D4

 DCDCD4

 1D1FD4

 F1F1D4

 080AD4

 FFFFD4

 0003D4

# Harmonies

## Analogous

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



3995DA



8788D4



B779BC

# Triad

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



8788D4



C87D53



00A287

# Complementary

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



8788D4



D4D387

# 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.



599E62



8788D4



AC8B42

# Square

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



8788D4



D67272



879648



00A2AD

# Rectangle

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



8788D4



CB72A4



879648



2EA17A



# Sweetspot

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



8788D4



E3E3FF



87D4D3



6F6F80



000000



808080



# Same Dimension

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



8788D4



8F90FF



AC87D4



60616B



0002AB



00012B



# Inverse Universe

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



D48788



FF8F90



AFD487



6B6061



AB0002

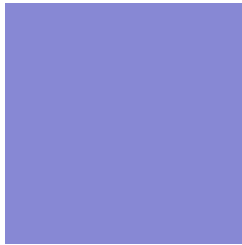


2B0001



# Previews

## White Background



This preview shows how the Hex color 8788D4 looks on a white background.

## Color Contrast Check

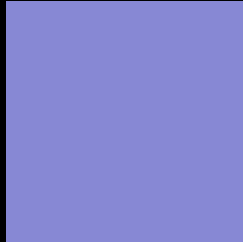
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 8788D4 looks on a 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 8788D4 Background



This preview shows how black text looks on a background with the Hex color 8788D4.

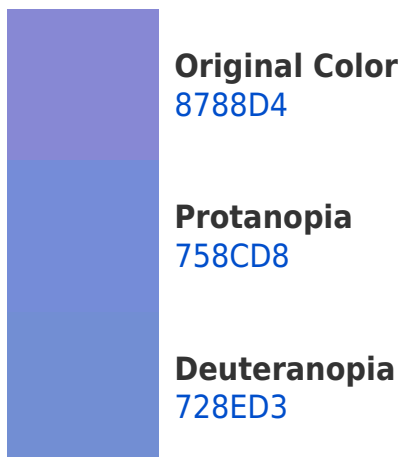



This preview shows how white text looks on a background with the Hex color 8788D4.

# 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](#).

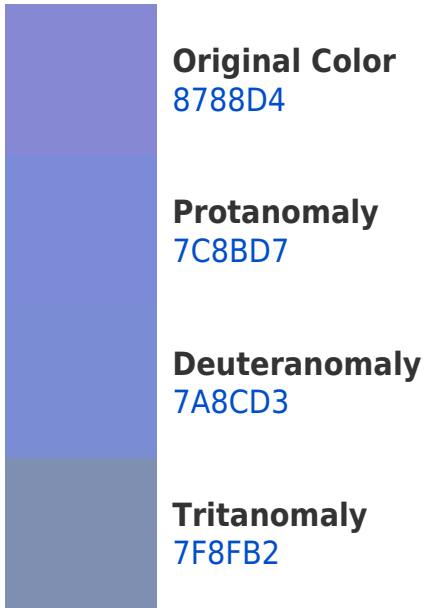
## Dichromacy



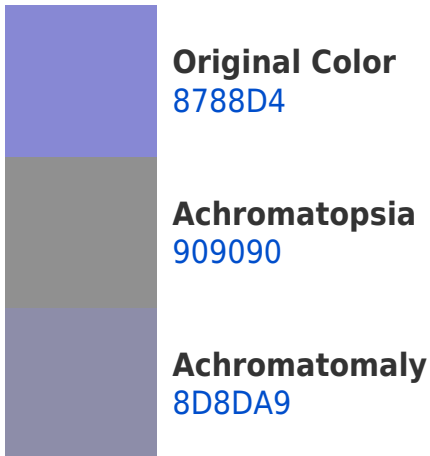


**Tritanopia**  
7B939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8788D4 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 #8788D4 looks like.

```
.text, #text, p{  
    color:#8788D4  
}
```

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 #8788D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8788D4
}
```

## Border

The CSS property to change the border of an element to Hex 8788D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

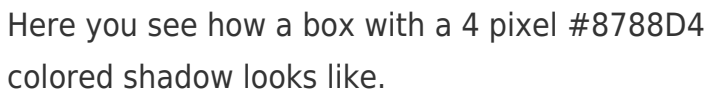
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8788D4 }
```

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

```
.border{ border-color:#8788D4 }
```

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



Here you see how a box with a 4 pixel #8788D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8788D4; -webkit-box-shadow:4px 4px  
4px 4px #8788D4; box-shadow:4px 4px 4px  
4px #8788D4 }
```

# Background

The CSS property to change the background color of an element to Hex 8788D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8788D4 }
```

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

```
.background{ background-color:#8788D4 }
```

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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