

Converting Colors

Hex(8678D1)

Have a look what the booklet for
Hex(8678D1) contains.

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Color

Hex(8678D1)

Conversions

Conversions Part 1

Format	Color
Hex	8678D1
RGB	134, 120, 209
RGB Percent	53%, 47%, 82%
CMY	0.4745, 0.5294, 0.1804
CMYK	0.36, 0.43, 0.00, 0.18
HSL	249°, 49%, 65%
HSV	249°, 43%, 82%
XYZ	28.0566, 23.1047, 63.3025
YIQ	134.3320, -20.2250, 30.6470

Conversions

Conversions Part 2

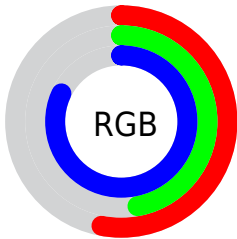
Format	Color
RYB	134, 120, 209
Decimal	8812753
CIELab	55.18, 26.11, -44.20
CIELCh	55, 51.333, 300.568
Yxy	23.1047, 0.2451, 0.2019
Android (android.graphics.Color)	4287002833 (0xFF8678D1)
YUV	134.3320, 36.8113, -0.2912
Hunter-Lab	48.0674, 20.0714, -44.4350

Details

The Hex color **8678D1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C3D178**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BEACFF**, and **50479A** is the 20% darker color. If you saturate the color by 10%, you get **7463D1**, and if you desaturate by 10%, it is **988DD1**.

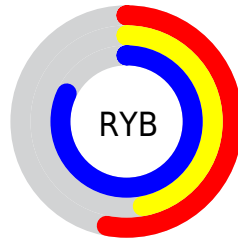
Distribution



Red (53%)

Green (47%)

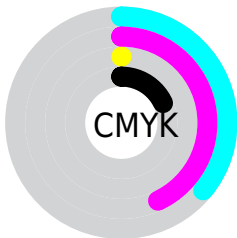
Blue (82%)



Red (53%)

Yellow (47%)

Blue (82%)

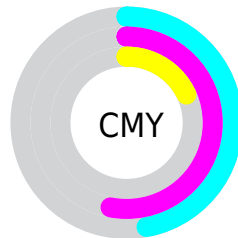


Cyan (36%)

Magenta (43%)

Yellow (0%)

Black (18%)



Cyan (47%)

Magenta (53%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8678D1 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 8678D1 by changing the saturation by 10% instead.

8678D1

8678D1

FFFFFF

6B5FB5

BEACFF

50479A

DAC8FF

353180

F8E4FF

161B66

00064D

000136

000220

000003

000000

8678D1

8678D1

7463D1

988DD1

634ED1

A9A2D1

5139D1

BBB7D1

4024D1

CCCCD1

2E10D1

DEE0D1

2100D1

F0F5D1

FFFFD1

Harmonies

Analogous

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



0789DD



8678D1



BB66B1

Triad

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



8678D1



BE7136



009A84

Complementary

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



8678D1



C3D178

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.



2C9656



8678D1



9B8224

Square

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



8678D1



D36159



6E8F32



0099B0

Rectangle

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



8678D1



CE5D94



6E8F32



009974

Sweetspot

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



8678D1



E3DEFF



78C4D1



6E6B80



000000



808080

Same Dimension

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



8678D1



917DFF



B278D1



605E69



1A00A8



060029

Inverse Universe

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



D178C3



FF7DEB



97D178



695E67



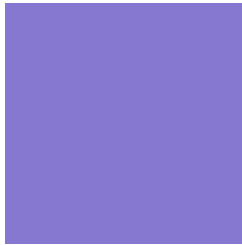
A8008E



290022

Previews

White Background



This preview shows how the Hex color 8678D1 looks on a white background.

Color Contrast Check

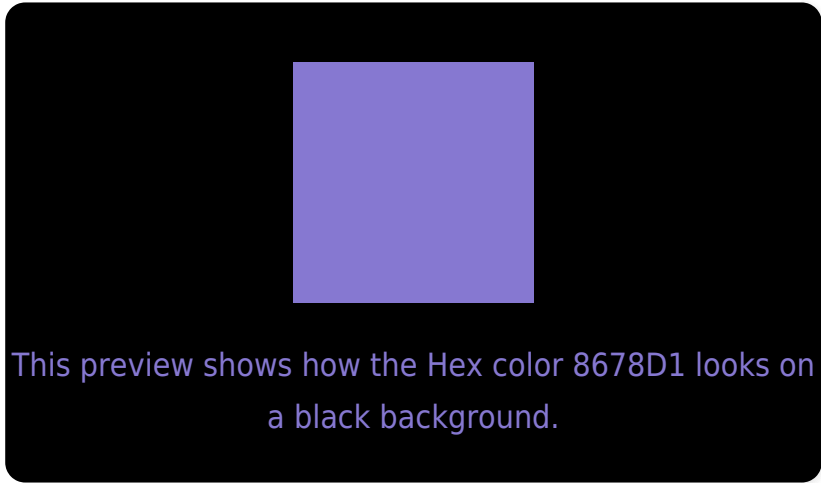
Large Text (above 18pt) WCAG AA ✓ Pass

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

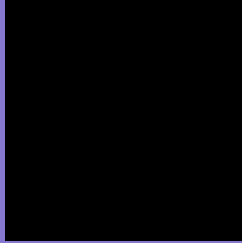
Any Text WCAG AA ✓ Pass

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 8678D1 Background



This preview shows how black text looks on a background with the Hex color 8678D1.

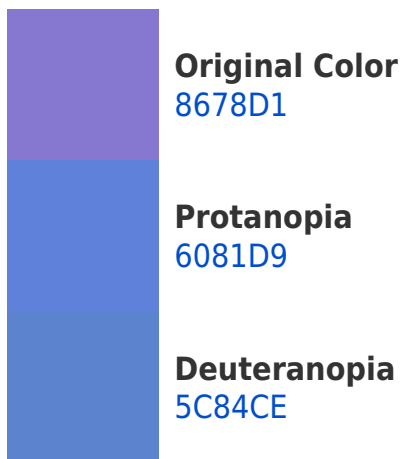


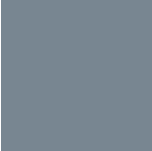
This preview shows how white text looks on a background with the Hex color 8678D1.

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](#).

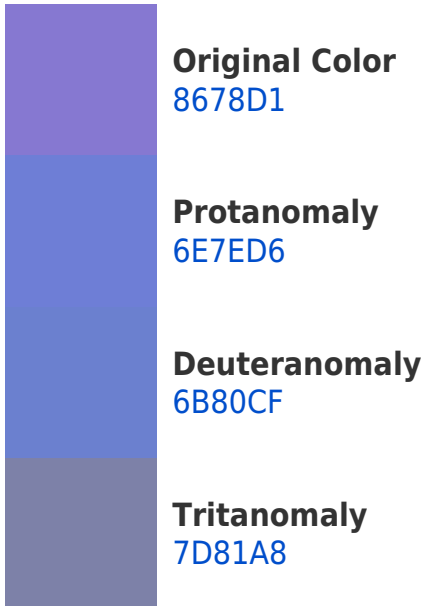
Dichromacy



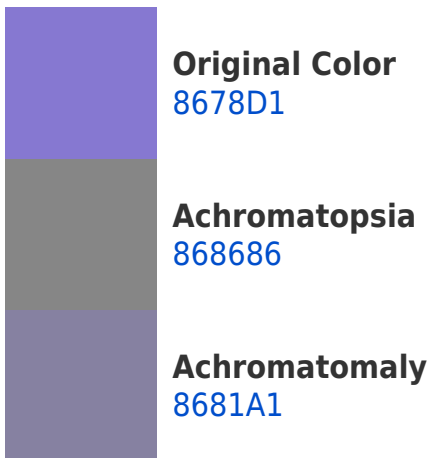


Tritanopia
788691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8678D1 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 #8678D1 looks like.

```
.text, #text, p{  
    color:#8678D1  
}
```

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 #8678D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8678D1
}
```

Border

The CSS property to change the border of an element to Hex 8678D1 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
#8678D1 }
```

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

```
.border{ border-color:#8678D1 }
```

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

Here you see how a box with a 4 pixel #8678D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8678D1; -webkit-box-shadow:4px 4px  
4px 4px #8678D1; box-shadow:4px 4px 4px  
4px #8678D1 }
```

Background

The CSS property to change the background color of an element to Hex 8678D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8678D1 }
```

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

```
.background{ background-color:#8678D1 }
```

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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