

# Converting Colors

Hex(8765D8)

Have a look what the booklet for  
Hex(8765D8) contains.

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# Color

Hex(8765D8)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8765D8                      |
| RGB         | 135, 101, 216               |
| RGB Percent | 53%, 40%, 85%               |
| CMY         | 0.4706, 0.6039, 0.1529      |
| CMYK        | 0.38, 0.53, 0.00, 0.15      |
| HSL         | 258°, 60%, 62%              |
| HSV         | 258°, 53%, 85%              |
| XYZ         | 27.0400, 19.4161, 67.2883   |
| YIQ         | 124.2760, -16.6510, 42.9730 |

# Conversions

## Conversions Part 2

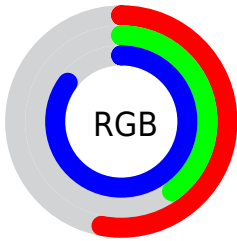
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">135, 101, 216</a>                  |
| Decimal                             | <a href="#">8873432</a>                        |
| CIELab                              | <a href="#">51.17, 39.32, -54.54</a>           |
| CIELCh                              | <a href="#">51, 67.238, 305.786</a>            |
| Yxy                                 | <a href="#">19.4161, 0.2377,<br/>0.1707</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4287063512<br/>(0xFF8765D8)</a>    |
| YUV                                 | <a href="#">124.2760, 45.2199,<br/>9.4049</a>  |
| Hunter-Lab                          | <a href="#">44.0637, 32.4263,<br/>-59.6952</a> |

# Details

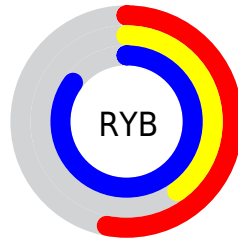
The Hex color **8765D8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B6D865**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C099FF**, and **4F35A0** is the 20% darker color. If you saturate the color by 10%, you get **784FD8**, and if you desaturate by 10%, it is **967BD8**.

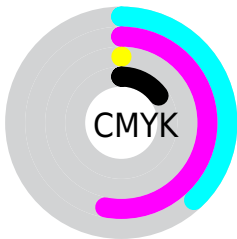
# Distribution



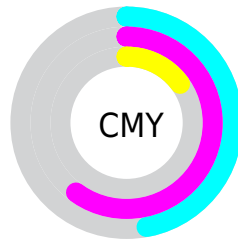
- Red (53%)
- Green (40%)
- Blue (85%)



- Red (53%)
- Yellow (40%)
- Blue (85%)



- Cyan (38%)
- Magenta (53%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (60%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8765D8 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 8765D8 by changing the saturation by 10% instead.



8765D8

8765D8

FFFFFF

6B4CBC

C099FF

4F35A0

DDB4FF

321D86

FBD0FF

0C066C

FFECFF

000053

00053B

000224

00000C

000000

 8765D8

 8765D8

 784FD8

 967BD8

 693AD8

 A590D8

 5924D8

 B5A6D8

 4A0FD8

 C4BBD8

 4000D8

 D3D1D8

 E2E7D8

 F1FCD8

 FFFFD8

# Harmonies

## Analogous

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



007EED



8765D8



C647AA

# Triad

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



8765D8



B76500



009384

# Complementary

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



8765D8



B6D865

# 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.



009048



8765D8



897B00

# Square

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



8765D8



D6493A



4C8900



0093BC

# Rectangle

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



8765D8



DA3885



4C8900



009370



# Sweetspot

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



8765D8



E2D6FF



65B7D8



6E6780



000000



808080



# Same Dimension

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



8765D8



8C5CFF



BF65D8



64606B



3300AB



0D002B



# Inverse Universe

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



D865B6



FF5CCF



7ED865



6B6068



AB0078

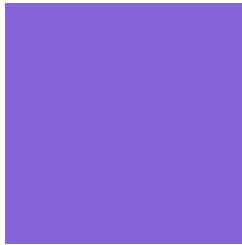


2B001F



# Previews

## White Background



This preview shows how the Hex color 8765D8 looks on a white background.

## Color Contrast Check

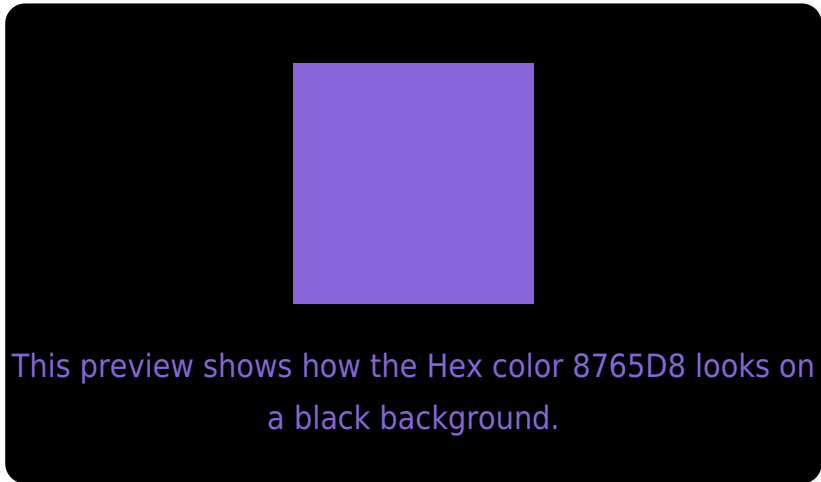
Large Text (above 18pt) WCAG AA ✓ Pass

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

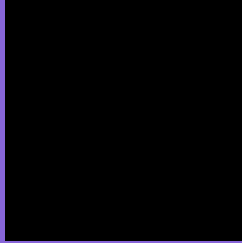
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8765D8 Background



This preview shows how black text looks on a background with the Hex color 8765D8.

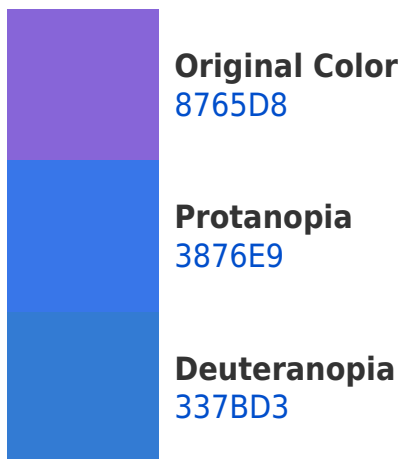


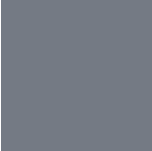
This preview shows how white text looks on a background with the Hex color 8765D8.

# 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**  
747A84

# Trichromacy



**Original Color**  
8765D8



**Protanomaly**  
5570E3



**Deuteranomaly**  
5273D5



**Tritanomaly**  
7B72A3

# Monochromacy



**Original Color**  
8765D8



**Achromatopsia**  
7C7C7C



**Achromatomaly**  
80749D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8765D8 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 #8765D8 looks like.

```
.text, #text, p{  
    color:#8765D8  
}
```

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 #8765D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8765D8
}
```

## Border

The CSS property to change the border of an element to Hex 8765D8 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
#8765D8 }
```

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

```
.border{ border-color:#8765D8 }
```

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

Here you see how a box with a 4 pixel #8765D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8765D8; -webkit-box-shadow:4px 4px  
4px 4px #8765D8; box-shadow:4px 4px 4px  
4px #8765D8 }
```

# Background

The CSS property to change the background color of an element to Hex 8765D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8765D8 }
```

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

```
.background{ background-color:#8765D8 }
```

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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