

# Converting Colors

Hex(8768E4)

Have a look what the booklet for  
Hex(8768E4) contains.

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# Color

Hex(8768E4)

# Conversions

## Conversions Part 1

Format	Color
Hex	8768E4
RGB	135, 104, 228
RGB Percent	53%, 41%, 89%
CMY	0.4706, 0.5922, 0.1059
CMYK	0.41, 0.54, 0.00, 0.11
HSL	255°, 70%, 65%
HSV	255°, 54%, 89%
XYZ	28.9456, 20.6530, 75.8596
YIQ	127.4050, -21.3280, 45.1360

# Conversions

## Conversions Part 2

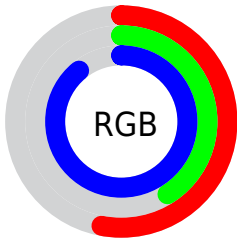
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 104, 228
Decimal	8874212
CIE <sub>Lab</sub>	52.57, 40.85, -59.08
CIE <sub>LCh</sub>	53, 71.827, 304.658
Yxy	20.6530, 0.2307, 0.1646
Android (android.graphics.Color)	4287064292 (0xFF8768E4)
YUV	127.4050, 49.5933, 6.6608
Hunter-Lab	45.4455, 34.1622, -67.1575

# Details

The Hex color **8768E4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C5E468**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C19CFF**, and **4E37AC** is the 20% darker color. If you saturate the color by 10%, you get **7651E4**, and if you desaturate by 10%, it is **987FE4**.

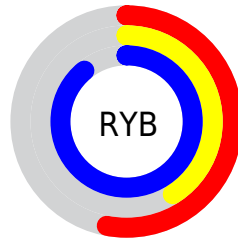
# Distribution



Red (53%)

Green (41%)

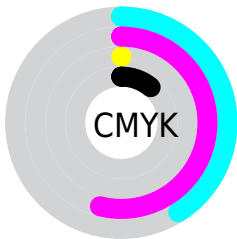
Blue (89%)



Red (53%)

Yellow (41%)

Blue (89%)

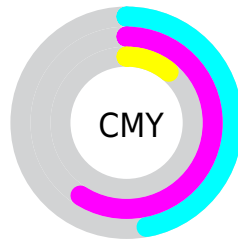


Cyan (41%)

Magenta (54%)

Yellow (0%)

Black (11%)



Cyan (47%)

Magenta (59%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8768E4 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 8768E4 by changing the saturation by 10% instead.



 8768E4

 8768E4

FFFFFF

 6A4FC8

 C19CFF

 4E37AC

 DEB7FF

 2F2091

 FCD3FF

 000976

 FFF0FF

 00005D

 000144

 00032D

 000117

 000000

8768E4

8768E4

7651E4

987FE4

653AE4

A996E4

5424E4

BAACE4

430DE4

CBC3E4

3900E4

DDDAE4

EEF1E4

FFFFE4

# Harmonies

## Analogous

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



0082FA



8768E4



CD46B3

# Triad

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



8768E4



C06600



009886

# Complementary

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



8768E4



C5E468

# 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.



009545



8768E4



8F7E00

# Square

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



8768E4



E1463B



4E8D00



0098C2

# Rectangle

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



8768E4



E3348B



4E8D00



009870



# Sweetspot

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



8768E4



E0D6FF



68C5E4



6D6780



000000



808080



# Same Dimension

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



8768E4



8359FF



C568E4



6A6773



2D00B3



0D0033



# Inverse Universe

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



E468C5



FF59D6



87E468



736770



B30086

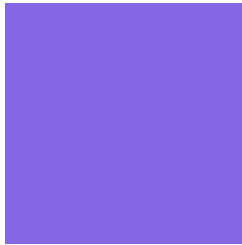


330026



# Previews

## White Background



This preview shows how the Hex color 8768E4 looks on a white background.

## Color Contrast Check

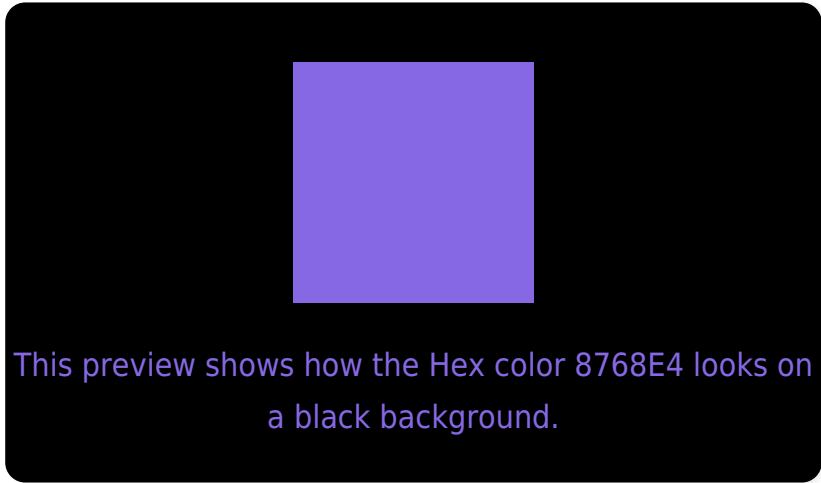
Large Text (above 18pt) WCAG AA ✓ Pass

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

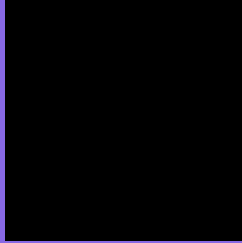
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8768E4 Background



This preview shows how black text looks on a background with the Hex color 8768E4.



This preview shows how white text looks on a background with the Hex color 8768E4.

# 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**  
727F89

# Trichromacy



**Original Color**  
8768E4



**Protanomaly**  
5073EF



**Deuteranomaly**  
4777E1



**Tritanomaly**  
7A77AA

# Monochromacy



**Original Color**  
8768E4



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
8277A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8768E4 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 #8768E4 looks like.

```
.text, #text, p{  
    color:#8768E4  
}
```

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 #8768E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8768E4
}
```

## Border

The CSS property to change the border of an element to Hex 8768E4 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
#8768E4 }
```

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

```
.border{ border-color:#8768E4 }
```

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

Here you see how a box with a 4 pixel #8768E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8768E4; -webkit-box-shadow:4px 4px  
4px 4px #8768E4; box-shadow:4px 4px 4px  
4px #8768E4 }
```

# Background

The CSS property to change the background color of an element to Hex 8768E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8768E4 }
```

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

```
.background{ background-color:#8768E4 }
```

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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