

# Converting Colors

Hex(8A68E8)

Have a look what the booklet for  
Hex(8A68E8) contains.

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# Color

**Hex(8A68E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A68E8
RGB	138, 104, 232
RGB Percent	54%, 41%, 91%
CMY	0.4588, 0.5922, 0.0902
CMYK	0.41, 0.55, 0.00, 0.09
HSL	256°, 74%, 66%
HSV	256°, 55%, 91%
XYZ	29.9970, 21.1301, 78.8414
YIQ	128.7580, -20.8240, 47.0160

# Conversions

## Conversions Part 2

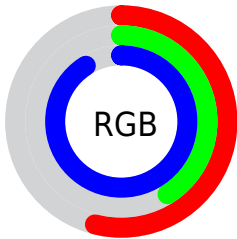
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 104, 232</a>
Decimal	<a href="#">9070824</a>
CIELab	<a href="#">53.09, 42.61, -60.47</a>
CIELCh	<a href="#">53, 73.978, 305.171</a>
Yxy	<a href="#">21.1301, 0.2308, 0.1626</a>
Android (android.graphics.Color)	<a href="#">4287260904</a> ( <a href="#">0xFF8A68E8</a> )
YUV	<a href="#">128.7580, 50.8983, 8.1052</a>
Hunter-Lab	<a href="#">45.9675, 36.0408, -69.5144</a>

# Details

The Hex color **8A68E8** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **C6E868**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C49CFF**, and **5037AF** is the 20% darker color. If you saturate the color by 10%, you get **7951E8**, and if you desaturate by 10%, it is **9B7FE8**.

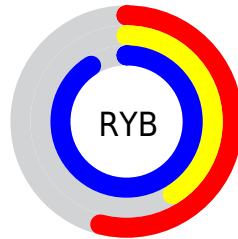
# Distribution



Red (54%)

Green (41%)

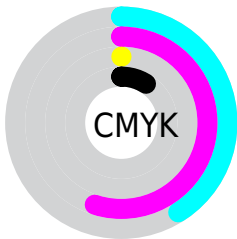
Blue (91%)



Red (54%)

Yellow (41%)

Blue (91%)

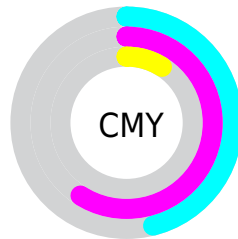


Cyan (41%)

Magenta (55%)

Yellow (0%)

Black (9%)



Cyan (46%)

Magenta (59%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A68E8 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 8A68E8 by changing the saturation by 10% instead.



 8A68E8

 8A68E8

FFFFFF

 6D4FCB

 C49CFF

 5037AF

 E1B7FF

 312094

 FFD3FF

 02087A

 FFF0FF

 000060

 000047

 000430

 00011A

 000000

■ 8A68E8

■ 8A68E8

■ 7951E8

■ 9B7FE8

■ 683AE8

■ AC96E8

■ 5722E8

■ BDAEE8

■ 460BE8

■ CEC5E8

■ 3E00E8

■ DFDCE8

■ F0F3E8

■ FFFFE8

# Harmonies

## Analogous

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



0084FF



8A68E8



D244B5

# Triad

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



8A68E8



C26700



009A88

# Complementary

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



8A68E8



C6E868

# 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.



009745



8A68E8



908000

# Square

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



8A68E8



E44539



4B8F00



009AC7

# Rectangle

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



8A68E8



E8308C



4B8F00



009A72



# Sweetspot

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



8A68E8



DFD4FF



68C8E8



6D6680



000000



808080



# Same Dimension

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



8A68E8



8357FF



C868E8



6A6773



2F00B3



0E0033



# Inverse Universe

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



E868C6



FF57D2



88E868



736770



B30083

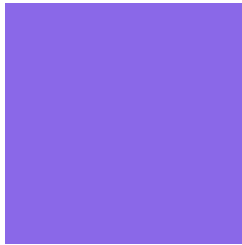


330025



# Previews

## White Background



This preview shows how the Hex color 8A68E8 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

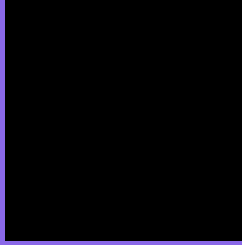
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A68E8 Background



This preview shows how black text looks on a background with the Hex color 8A68E8.

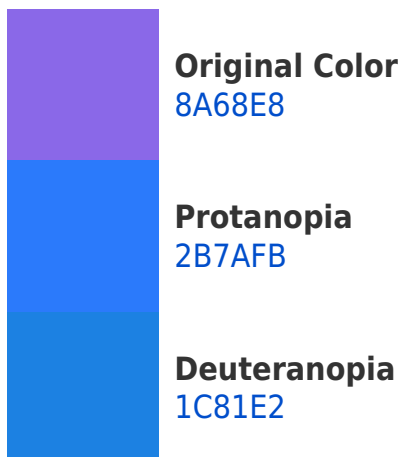


This preview shows how white text looks on a background with the Hex color 8A68E8.

# 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](#).

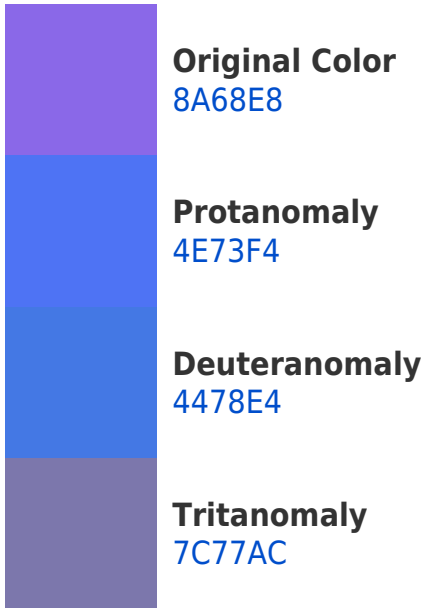
## Dichromacy



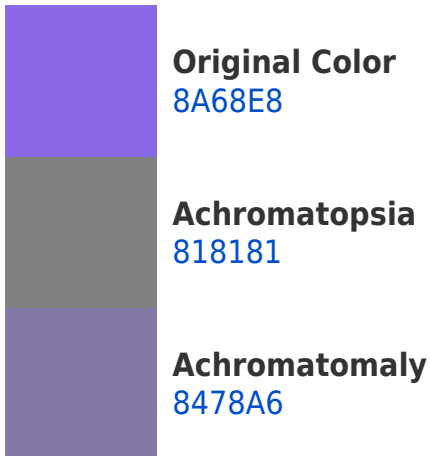


**Tritanopia**  
74808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A68E8 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 #8A68E8 looks like.

```
.text, #text, p{  
    color:#8A68E8  
}
```

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 #8A68E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A68E8
}
```

## Border

The CSS property to change the border of an element to Hex 8A68E8 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
#8A68E8 }
```

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

```
.border{ border-color:#8A68E8 }
```

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

Here you see how a box with a 4 pixel #8A68E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A68E8; -webkit-box-shadow:4px 4px  
4px 4px #8A68E8; box-shadow:4px 4px 4px  
4px #8A68E8 }
```

# Background

The CSS property to change the background color of an element to Hex 8A68E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A68E8 }
```

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

```
.background{ background-color:#8A68E8 }
```

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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