

# Converting Colors

Hex(8A8CE2)

Have a look what the booklet for  
Hex(8A8CE2) contains.

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# Color

**Hex(8A8CE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A8CE2
RGB	138, 140, 226
RGB Percent	54%, 55%, 89%
CMY	0.4588, 0.4510, 0.1137
CMYK	0.39, 0.38, 0.00, 0.11
HSL	239°, 60%, 71%
HSV	239°, 39%, 89%
XYZ	33.5868, 29.6504, 75.9044
YIQ	149.2060, -28.7980, 26.3220

# Conversions

## Conversions Part 2

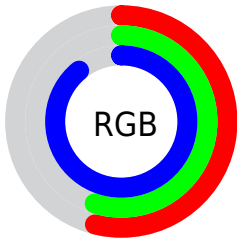
Format	Color
R <sub>Y</sub> B	138, 140, 226
Decimal	9080034
CIE Lab	61.35, 20.08, -43.97
CIE LCh	61, 48.341, 294.545
Yxy	29.6504, 0.2414, 0.2131
Android (android.graphics.Color)	4287270114 (0xFF8A8CE2)
YUV	149.2060, 37.8594, -9.8277
Hunter-Lab	54.4522, 14.8096, -44.5316

# Details

The Hex color **8A8CE2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2E08A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C2C1FF**, and **535AAA** is the 20% darker color. If you saturate the color by 10%, you get **7376E2**, and if you desaturate by 10%, it is **A1A2E2**.

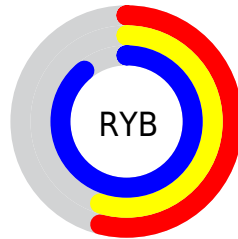
# Distribution



Red (54%)

Green (55%)

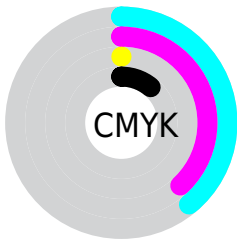
Blue (89%)



Red (54%)

Yellow (55%)

Blue (89%)

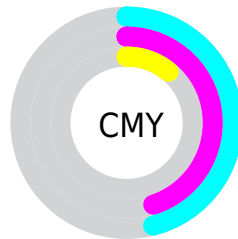


Cyan (39%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (46%)

Magenta (45%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8CE2 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 8A8CE2 by changing the saturation by 10% instead.



8A8CE2

8A8CE2

FFFFFF

6F73C6

C2C1FF

535AAA

DFDDFF

37438F

FDFAFF

172D75

00195C

000044

00032D

000117

000000

■ 8A8CE2

■ 8A8CE2

■ 7376E2

■ A1A2E2

■ 5D60E2

■ B7B8E2

■ 464AE2

■ CECEE2

■ 3034E2

■ E4E4E2

■ 191EE2

■ FBFAE2

■ 0207E2

■ FFFFE2

■ 0005E2

# Harmonies

## Analogous

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



209BE9



8A8CE2



C17BC6

# Triad

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



8A8CE2



D37F4F



00A98B

# Complementary

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



8A8CE2



E2E08A

# 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.



55A561



8A8CE2



B48F3C

# Square

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



8A8CE2



E37273



8A9C43



00A9B6

# Rectangle

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



8A8CE2



D872AC



8A9C43



14A87C



# Sweetspot

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



8A8CE2



E0E1FF



8AE2DF



6E6E80



000000



808080



# Same Dimension

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



8A8CE2



878AFF



B38AE2



656570



0004B0



000130



# Inverse Universe

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



E28A8C



FF878A



B9E28A



706565



B00004

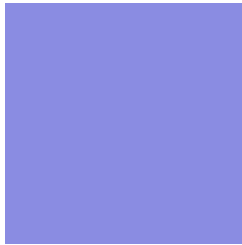


300001



# Previews

## White Background



This preview shows how the Hex color 8A8CE2 looks on a white background.

## Color Contrast Check

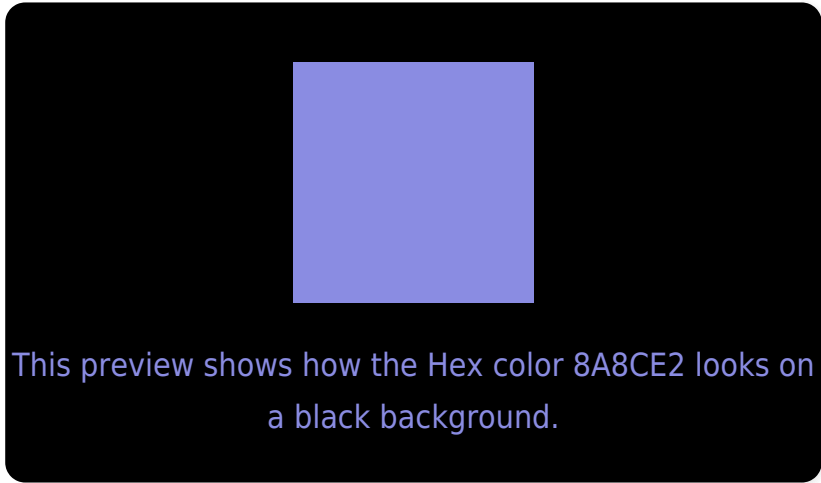
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A8CE2 Background



This preview shows how black text looks on a background with the Hex color 8A8CE2.

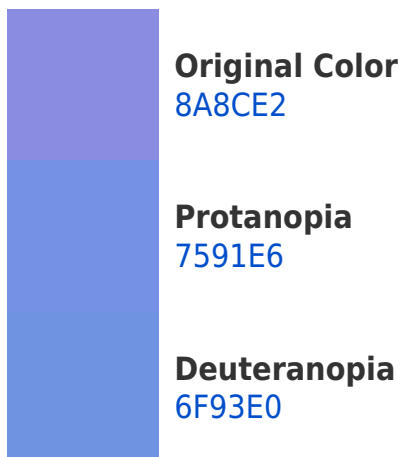


This preview shows how white text looks on a background with the Hex color 8A8CE2.

# 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](#).

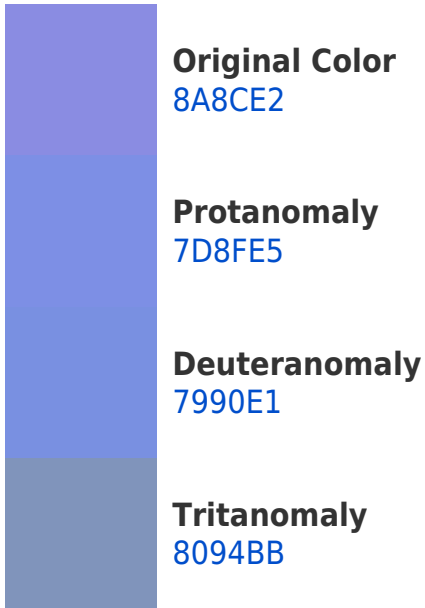
## Dichromacy



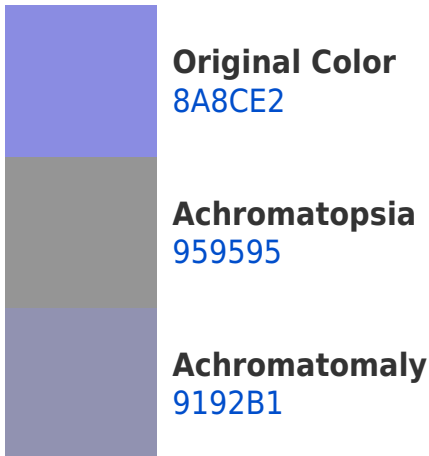


**Tritanopia**  
7B99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8CE2 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 #8A8CE2 looks like.

```
.text, #text, p{  
    color:#8A8CE2  
}
```

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 #8A8CE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8CE2
}
```

## Border

The CSS property to change the border of an element to Hex 8A8CE2 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
#8A8CE2 }
```

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

```
.border{ border-color:#8A8CE2 }
```

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

Here you see how a box with a 4 pixel #8A8CE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8CE2; -webkit-box-shadow:4px 4px  
4px 4px #8A8CE2; box-shadow:4px 4px 4px  
4px #8A8CE2 }
```

# Background

The CSS property to change the background color of an element to Hex 8A8CE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8CE2 }
```

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

```
.background{ background-color:#8A8CE2 }
```

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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