

Converting Colors

Hex(8266E9)

Have a look what the booklet for
Hex(8266E9) contains.

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Color

Hex(8266E9)

Conversions

Conversions Part 1

Format	Color
Hex	8266E9
RGB	130, 102, 233
RGB Percent	51%, 40%, 91%
CMY	0.4902, 0.6000, 0.0863
CMYK	0.44, 0.56, 0.00, 0.09
HSL	253°, 75%, 66%
HSV	253°, 56%, 91%
XYZ	28.6653, 20.1318, 79.4658
YIQ	125.3060, -25.3630, 46.6770

Conversions

Conversions Part 2

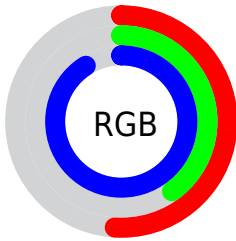
Format	Color
RYB	130, 102, 233
Decimal	8546025
CIELab	51.99, 42.26, -62.85
CIELCh	52, 75.740, 303.919
Yxy	20.1318, 0.2235, 0.1570
Android (android.graphics.Color)	4286736105 (0xFF8266E9)
YUV	125.3060, 53.0931, 4.1166
Hunter-Lab	44.8684, 35.5193, -73.5997

Details

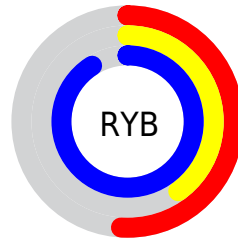
The Hex color **8266E9** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **CDE966**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BC9AFF**, and **4736B0** is the 20% darker color. If you saturate the color by 10%, you get **704FE9**, and if you desaturate by 10%, it is **947DE9**.

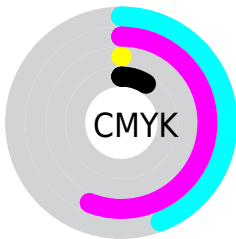
Distribution



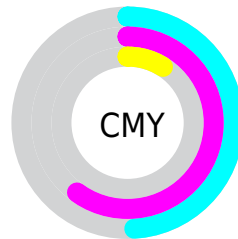
- Red (51%)
- Green (40%)
- Blue (91%)



- Red (51%)
- Yellow (40%)
- Blue (91%)



- Cyan (44%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8266E9 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 8266E9 by changing the saturation by 10% instead.

 8266E9

 8266E9

FFFFFF

 654DCC

 BC9AFF

 4736B0

 DAB5FF

 241F95

 F8D1FF

 00077A

 FFEDFF

 000061

 000248

 000430

 00011B

 000000

 8266E9

 8266E9

 704FE9

 947DE9

 5D37E9

 A795E9

 4B20E9

 B9ACE9

 3909E9

 CBC3E9

 3200E9

 DEDBE9

 F0F2E9

 FFFFE9

Harmonies

Analogous

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



0082FF



8266E9



CE3FB6

Triad

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



8266E9



C26200



009883

Complementary

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



8266E9



CDE966

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.



00943E



8266E9



8F7C00

Square

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



8266E9



E43E37



4A8C00



0097C3

Rectangle

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



8266E9



E6278C



4A8C00



00976C

Sweetspot

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



8266E9



DDD4FF



66CFE9



6B6680



000000



808080

Same Dimension

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



8266E9



7954FF



C266E9



6C6A75



2700B5



0B0036

Inverse Universe

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



E966CD



FF54DA



8DE966



756A73



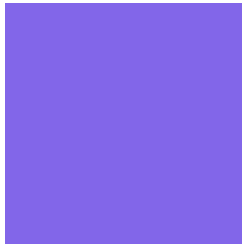
B5008E



36002A

Previews

White Background



This preview shows how the Hex color 8266E9 looks on a white background.

Color Contrast Check

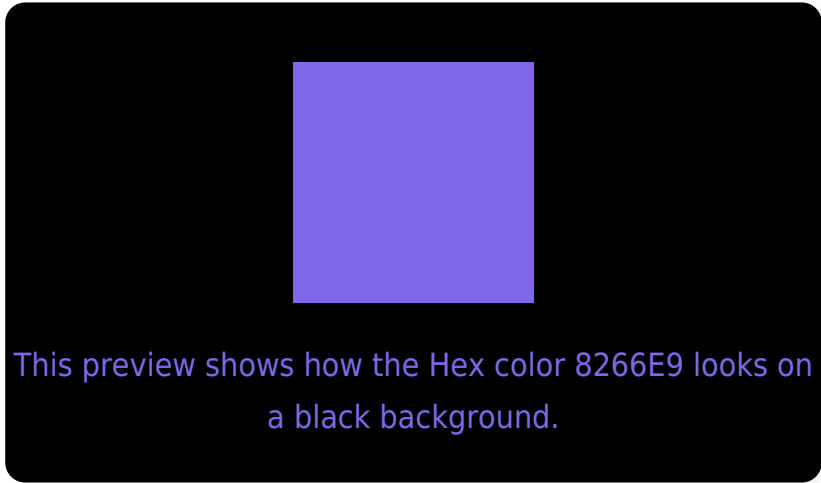
Large Text (above 18pt) WCAG AA ✓ Pass

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

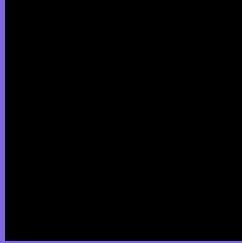
Any Text WCAG AA ✓ Pass

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 8266E9 Background



This preview shows how black text looks on a background with the Hex color 8266E9.

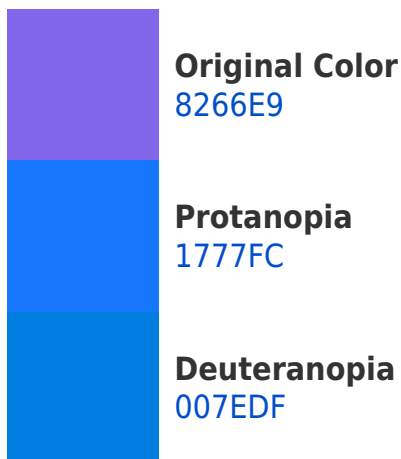


This preview shows how white text looks on a background with the Hex color 8266E9.

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](#).

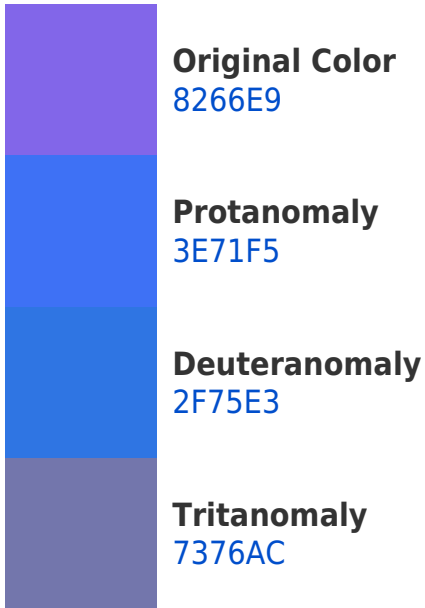
Dichromacy



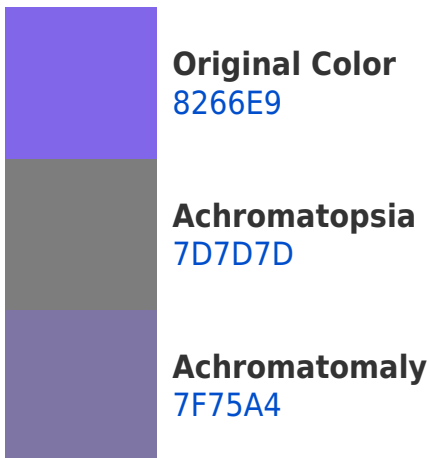


Tritanopia
6A7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8266E9 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 #8266E9 looks like.

```
.text, #text, p{  
    color:#8266E9  
}
```

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 #8266E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8266E9
}
```

Border

The CSS property to change the border of an element to Hex 8266E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

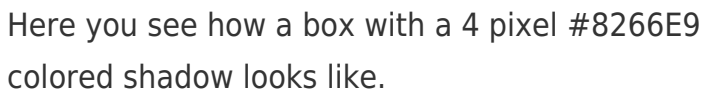
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8266E9 }
```

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

```
.border{ border-color:#8266E9 }
```

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



Here you see how a box with a 4 pixel #8266E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8266E9; -webkit-box-shadow:4px 4px  
4px 4px #8266E9; box-shadow:4px 4px 4px  
4px #8266E9 }
```

Background

The CSS property to change the background color of an element to Hex 8266E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8266E9 }
```

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

```
.background{ background-color:#8266E9 }
```

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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