

Converting Colors

Hex(8B88E7)

Have a look what the booklet for
Hex(8B88E7) contains.

Hex(8B88E7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8B88E7)

Conversions

Conversions Part 1

Format	Color
Hex	8B88E7
RGB	139, 136, 231
RGB Percent	55%, 53%, 91%
CMY	0.4549, 0.4667, 0.0941
CMYK	0.40, 0.41, 0.00, 0.09
HSL	242°, 66%, 72%
HSV	242°, 41%, 91%
XYZ	33.8754, 28.8668, 79.3877
YIQ	147.7270, -28.7070, 30.1810

Conversions

Conversions Part 2

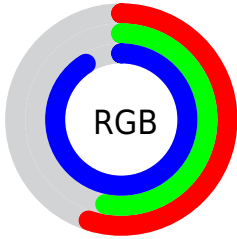
Format	Color
RYB	139, 136, 231
Decimal	9144551
CIELab	60.66, 24.05, -47.83
CIElCh	61, 53.538, 296.698
Yxy	28.8668, 0.2383, 0.2031
Android (android.graphics.Color)	4287334631 (0xFF8B88E7)
YUV	147.7270, 41.0536, -7.6536
Hunter-Lab	53.7278, 18.5206, -49.9968

Details

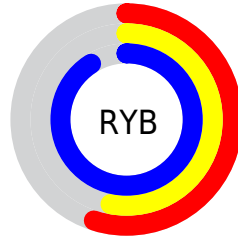
The Hex color **8B88E7** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E4E788**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C4BDFF**, and **5356AF** is the 20% darker color. If you saturate the color by 10%, you get **7571E7**, and if you desaturate by 10%, it is **A19FE7**.

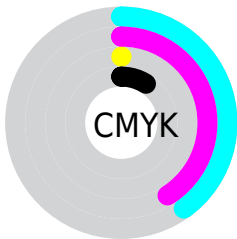
Distribution



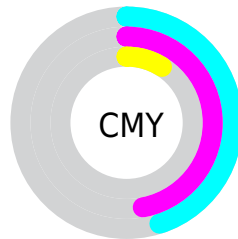
- Red (55%)
- Green (53%)
- Blue (91%)



- Red (55%)
- Yellow (53%)
- Blue (91%)



- Cyan (40%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (47%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B88E7 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 8B88E7 by changing the saturation by 10% instead.

8B88E7

8B88E7

FFFFFF

6F6FCB

C4BDFF

5356AF

E1D9FF

373F94

FEF6FF

15297A

001560

000048

000430

00011B

000000

■ 8B88E7

■ 8B88E7

■ 7571E7

■ A19FE7

■ 5E5AE7

■ B8B6E7

■ 4843E7

■ CECDE7

■ 322CE7

■ E4E4E7

■ 1B14E7

■ FBFCE7

■ 0700E7

■ FFFFE7

Harmonies

Analogous

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



0099F1



8B88E7



C774C7

Triad

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



8B88E7



D47C44



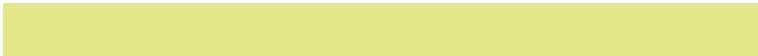
00A98B

Complementary

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



8B88E7



E4E788

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.



44A55C



8B88E7



B18E2E

Square

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



8B88E7



E86C6B



829C38



00A9BB

Rectangle

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



8B88E7



DE6BA9



829C38



00A87B

Sweetspot

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



8B88E7



E1E0FF



88E5E7



6E6E80



000000



808080

Same Dimension

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



8B88E7



8682FF



B988E7



686773



0600B3



020033

Inverse Universe

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



E788E4



FF82FB



B6E788



736772



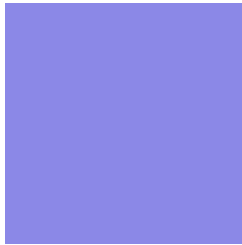
B300AD



330031

Previews

White Background



This preview shows how the Hex color 8B88E7 looks on a white background.

Color Contrast Check

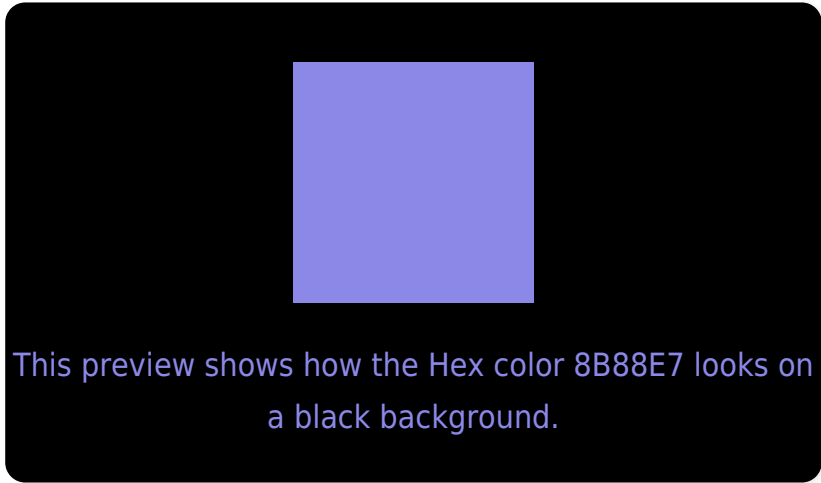
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B88E7 Background



This preview shows how black text looks on a background with the Hex color 8B88E7.

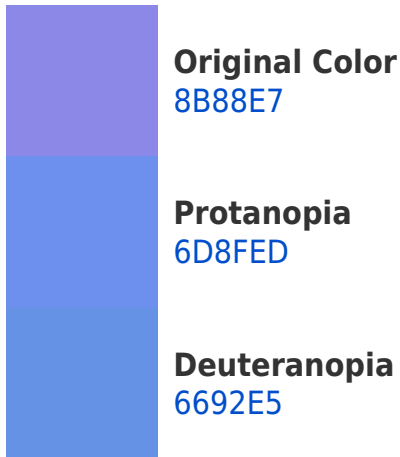


This preview shows how white text looks on a background with the Hex color 8B88E7.

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](#).

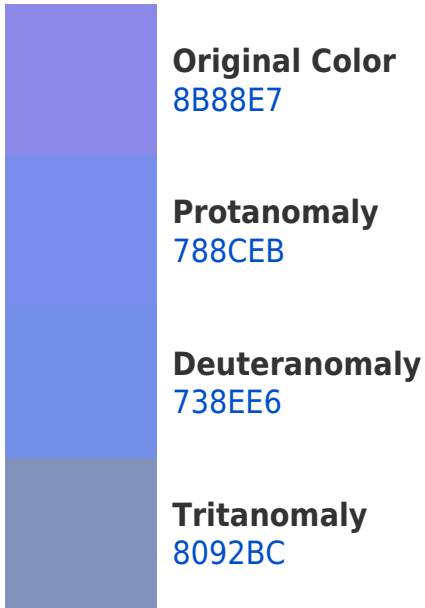
Dichromacy





Tritanopia
7A97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8B88E7 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 #8B88E7 looks like.

```
.text, #text, p{  
    color:#8B88E7  
}
```

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 #8B88E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B88E7
}
```

Border

The CSS property to change the border of an element to Hex 8B88E7 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
#8B88E7 }
```

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

```
.border{ border-color:#8B88E7 }
```

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

Here you see how a box with a 4 pixel #8B88E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B88E7; -webkit-box-shadow:4px 4px  
4px 4px #8B88E7; box-shadow:4px 4px 4px  
4px #8B88E7 }
```

Background

The CSS property to change the background color of an element to Hex 8B88E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B88E7 }
```

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

```
.background{ background-color:#8B88E7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor