

Converting Colors

Hex(8A62E3)

Have a look what the booklet for
Hex(8A62E3) contains.

Hex(8A62E3)	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(8A62E3)

Conversions

Conversions Part 1

Format	Color
Hex	8A62E3
RGB	138, 98, 227
RGB Percent	54%, 38%, 89%
CMY	0.4588, 0.6157, 0.1098
CMYK	0.39, 0.57, 0.00, 0.11
HSL	259°, 70%, 64%
HSV	259°, 57%, 89%
XYZ	28.7140, 19.6847, 74.9592
YIQ	124.6660, -17.5690, 48.5990

Conversions

Conversions Part 2

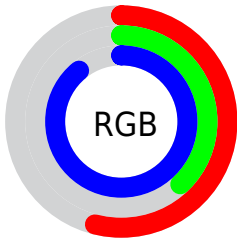
Format	Color
RYB	138, 98, 227
Decimal	9069283
CIELab	51.48, 44.64, -60.25
CIELCh	51, 74.989, 306.533
Yxy	19.6847, 0.2328, 0.1596
Android (android.graphics.Color)	4287259363 (0xFF8A62E3)
YUV	124.6660, 50.4507, 11.6939
Hunter-Lab	44.3674, 37.8799, -69.1138

Details

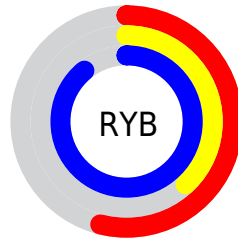
The Hex color **8A62E3** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BBE362**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **C496FF**, and **5131AB** is the 20% darker color. If you saturate the color by 10%, you get **7A4BE3**, and if you desaturate by 10%, it is **9A79E3**.

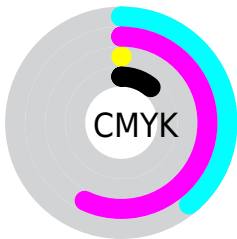
Distribution



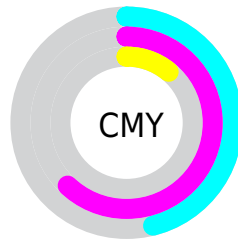
- Red (54%)
- Green (38%)
- Blue (89%)



- Red (54%)
- Yellow (38%)
- Blue (89%)



- Cyan (39%)
- Magenta (57%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A62E3 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 8A62E3 by changing the saturation by 10% instead.


 8A62E3

 8A62E3

FFFFFF

 6D49C7

 C496FF

 5131AB

 E1B1FF

 321990

 FFCDFE

 060075

 FFE9FF

 00005C

 000143

 00032C

 000116

 000000

8A62E3

8A62E3

7A4BE3

9A79E3

6B35E3

A98FE3

5B1EE3

B9A6E3

4B07E3

C9BDE3

4600E3

D8D3E3

E8EAE3

F8FFE3

FFFFE3

Harmonies

Analogous

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



007FFC



8A62E3



D03BAF

Triad

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



8A62E3



BC6400



009688

Complementary

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



8A62E3



BBE362

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.



009344



8A62E3



887D00

Square

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



8A62E3



DF4131



418C00



0095C6

Rectangle

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



8A62E3



E52585



418C00



009671

Sweetspot

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



8A62E3



E1D4FF



62BCE3



6E6680



000000



808080

Same Dimension

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



8A62E3



8752FF



C962E3



6B6773



3700B3



100033

Inverse Universe

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



E362BB



FF52C9



7CE362



73676F



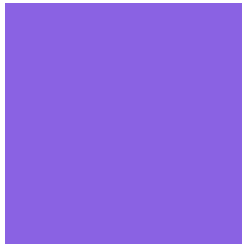
B3007B



330023

Previews

White Background



This preview shows how the Hex color 8A62E3 looks on a white background.

Color Contrast Check

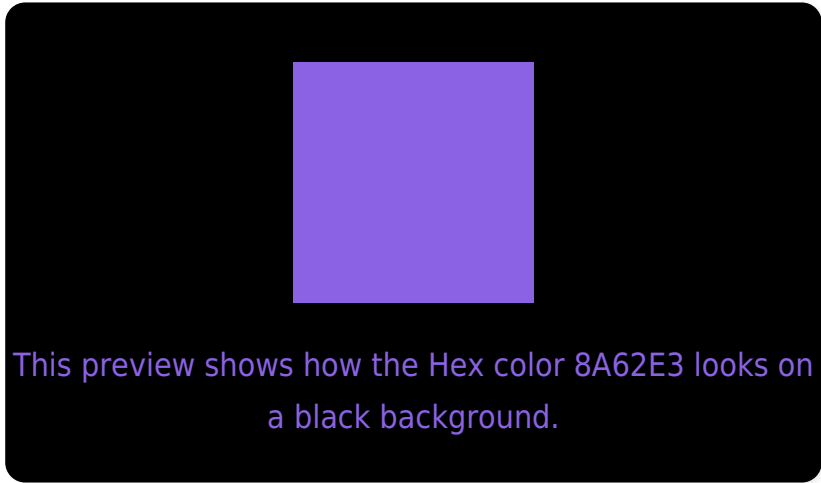
Large Text (above 18pt) WCAG AA ✓ Pass

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

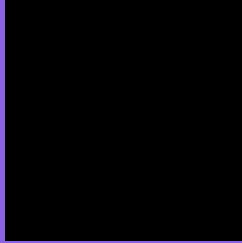
Any Text WCAG AA ✓ Pass

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 8A62E3 Background



This preview shows how black text looks on a background with the Hex color 8A62E3.

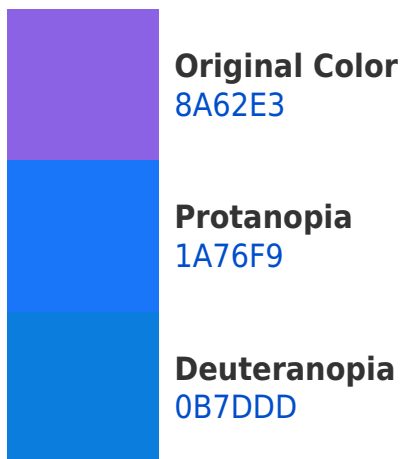


This preview shows how white text looks on a background with the Hex color 8A62E3.

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](#).

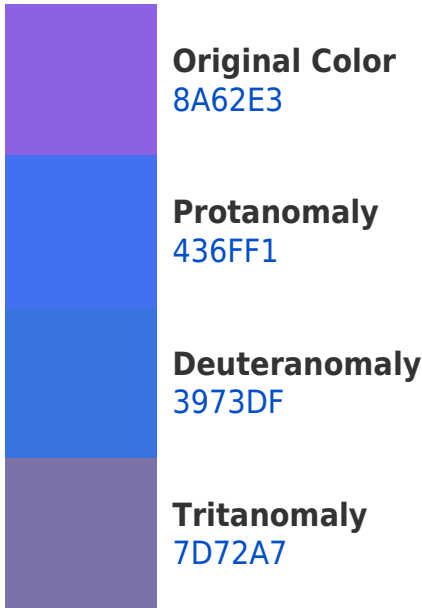
Dichromacy



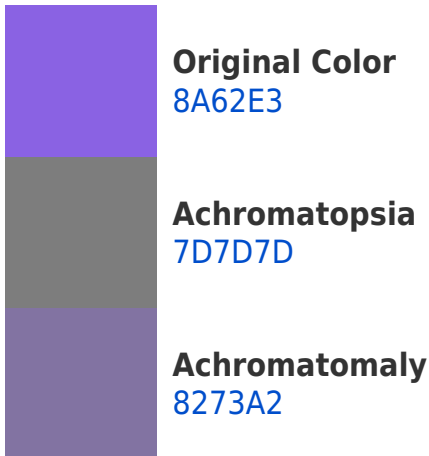


Tritanopia
757B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A62E3 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 #8A62E3 looks like.

```
.text, #text, p{  
    color:#8A62E3  
}
```

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 #8A62E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A62E3
}
```

Border

The CSS property to change the border of an element to Hex 8A62E3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

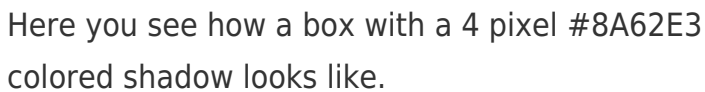
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A62E3 }
```

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

```
.border{ border-color:#8A62E3 }
```

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



Here you see how a box with a 4 pixel #8A62E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A62E3; -webkit-box-shadow:4px 4px  
4px 4px #8A62E3; box-shadow:4px 4px 4px  
4px #8A62E3 }
```

Background

The CSS property to change the background color of an element to Hex 8A62E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A62E3 }
```

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

```
.background{ background-color:#8A62E3 }
```

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