

Converting Colors

Hex(855AE6)

Have a look what the booklet for
Hex(855AE6) contains.

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Color

Hex(855AE6)

Conversions

Conversions Part 1

Format	Color
Hex	855AE6
RGB	133, 90, 230
RGB Percent	52%, 35%, 90%
CMY	0.4784, 0.6471, 0.0980
CMYK	0.42, 0.61, 0.00, 0.10
HSL	258°, 74%, 63%
HSV	258°, 61%, 90%
XYZ	27.6120, 18.0120, 76.8843
YIQ	118.8170, -19.3120, 52.6560

Conversions

Conversions Part 2

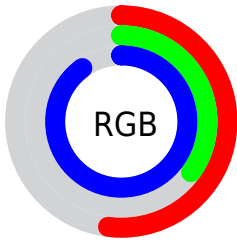
Format	Color
R_{YB}	133, 90, 230
Decimal	8739558
CIE _{Lab}	49.51, 48.77, -65.15
CIE _{LCh}	50, 81.383, 306.822
Yxy	18.0120, 0.2254, 0.1470
Android (android.graphics.Color)	4286929638 (0xFF855AE6)
YUV	118.8170, 54.8132, 12.4385
Hunter-Lab	42.4406, 41.8615, -77.6998

Details

The Hex color **855AE6** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **BBE65A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BF8EFF**, and **4A29AD** is the 20% darker color. If you saturate the color by 10%, you get **7543E6**, and if you desaturate by 10%, it is **9571E6**.

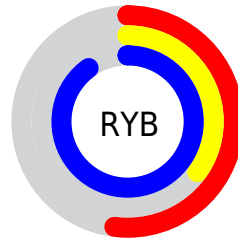
Distribution



Red (52%)

Green (35%)

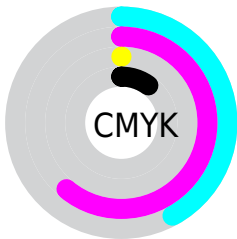
Blue (90%)



Red (52%)

Yellow (35%)

Blue (90%)

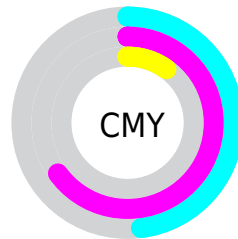


Cyan (42%)

Magenta (61%)

Yellow (0%)

Black (10%)



Cyan (48%)

Magenta (65%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 855AE6 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 855AE6 by changing the saturation by 10% instead.

 855AE6

 855AE6

FFFFFF

 6841C9

 BF8EFF

 4A29AD

 DDA9FF

 280F92

 FBC5FF

 000078

 FFE1FF

 00005E

FFFEFF

 000545

 00042E

 000118

 000000

855AE6

855AE6

7543E6

9571E6

652CE6

A588E6

5515E6

B59FE6

4700E6

C5B6E6

D5CDE6

E5E4E6

F5FBE6

FFFFE6

Harmonies

Analogous

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



007AFF



855AE6



D126AE

Triad

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



855AE6



B95D00



009284

Complementary

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



855AE6



BBE65A

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.



008F3B



855AE6



817800

Square

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



855AE6



DF3126



308800



0092C8

Rectangle

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



855AE6



E70080



308800



00916C

Sweetspot

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



855AE6



DFD1FF



5ABCE6



6C6380



000000



808080

Same Dimension

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



855AE6



7E45FF



CA5AE6



6B6773



3700B3



100033

Inverse Universe

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



E65ABB



FF45C6



76E65A



73676F



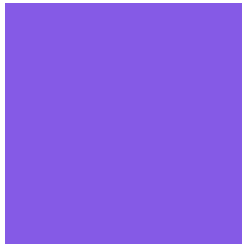
B3007C



330023

Previews

White Background



This preview shows how the Hex color 855AE6 looks on a white background.

Color Contrast Check

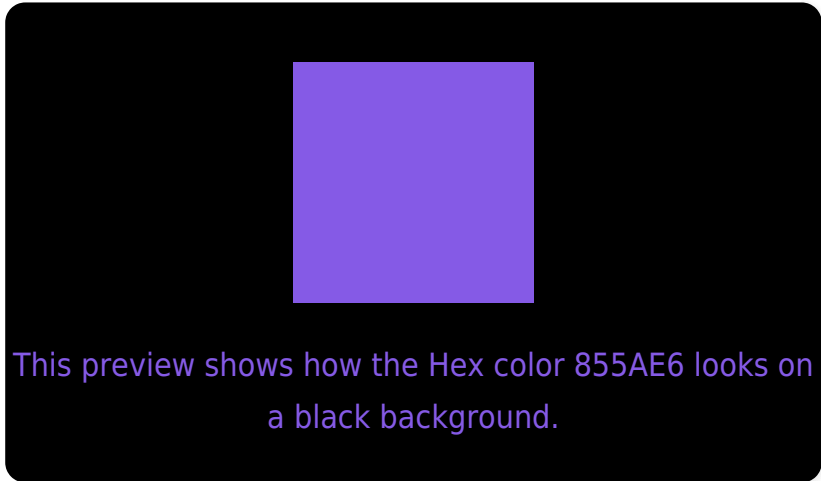
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

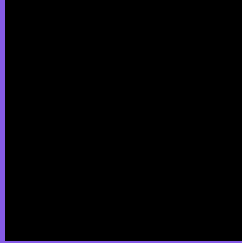
Any Text WCAG AA ✓ Pass

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 855AE6 Background



This preview shows how black text looks on a background with the Hex color 855AE6.

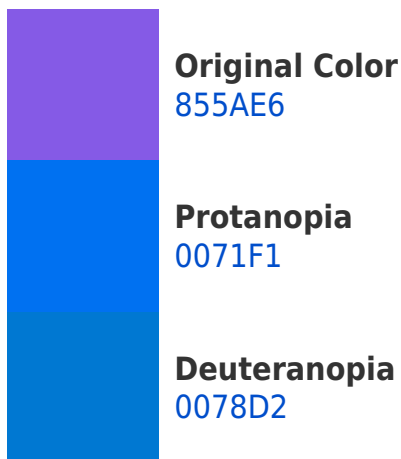


This preview shows how white text looks on a background with the Hex color 855AE6.

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](#).

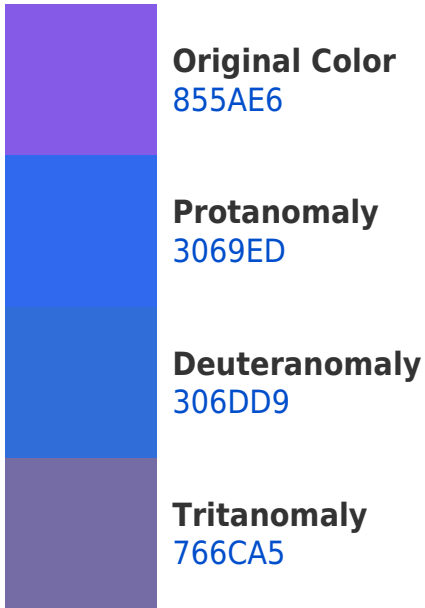
Dichromacy



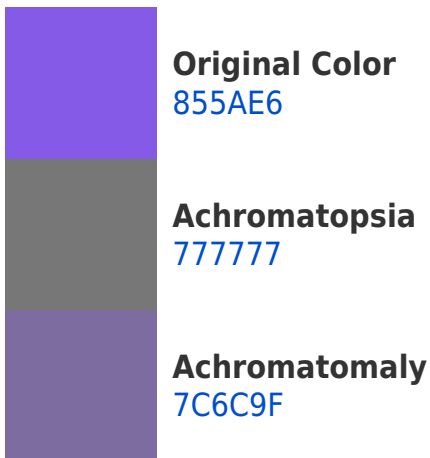


Tritanopia
6D7780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 855AE6 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 #855AE6 looks like.

```
.text, #text, p{  
    color:#855AE6  
}
```

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 #855AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855AE6
}
```

Border

The CSS property to change the border of an element to Hex 855AE6 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
#855AE6 }
```

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

```
.border{ border-color:#855AE6 }
```

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

Here you see how a box with a 4 pixel #855AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855AE6; -webkit-box-shadow:4px 4px  
4px 4px #855AE6; box-shadow:4px 4px 4px  
4px #855AE6 }
```

Background

The CSS property to change the background color of an element to Hex 855AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855AE6 }
```

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

```
.background{ background-color:#855AE6 }
```

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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