

Converting Colors

Hex(855DEC)

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

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Color

Hex(855DEC)

Conversions

Conversions Part 1

Format	Color
Hex	855DEC
RGB	133, 93, 236
RGB Percent	52%, 36%, 93%
CMY	0.4784, 0.6353, 0.0745
CMYK	0.44, 0.61, 0.00, 0.07
HSL	257°, 79%, 65%
HSV	257°, 61%, 93%
XYZ	28.7275, 18.8714, 81.4853
YIQ	121.2620, -22.0630, 52.9530

Conversions

Conversions Part 2

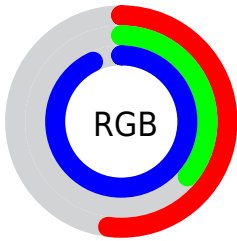
Format	Color
R_{YB}	133, 93, 236
Decimal	8740332
CIE _{Lab}	50.54, 48.75, -66.86
CIE _{LCh}	51, 82.751, 306.099
Yxy	18.8714, 0.2225, 0.1462
Android (android.graphics.Color)	4286930412 (0xFF855DEC)
YUV	121.2620, 56.5658, 10.2942
Hunter-Lab	43.4412, 42.0194, -80.8050

Details

The Hex color **855DEC** 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 **C4EC5D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C091FF**, and **492CB3** is the 20% darker color. If you saturate the color by 10%, you get **7445EC**, and if you desaturate by 10%, it is **9675EC**.

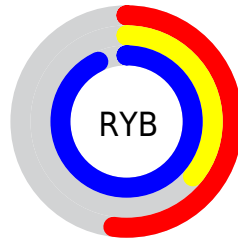
Distribution



Red (52%)

Green (36%)

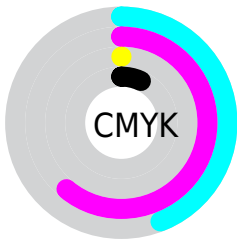
Blue (93%)



Red (52%)

Yellow (36%)

Blue (93%)

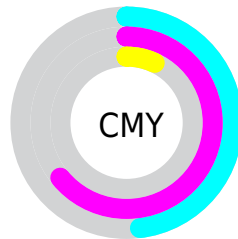


Cyan (44%)

Magenta (61%)

Yellow (0%)

Black (7%)



Cyan (48%)

Magenta (64%)

Yellow (7%)

Brightness & Saturation Gradients

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

 855DEC

 855DEC

FFFFFF

 6844CF

 C091FF

 492CB3

 DEACFF

 261398

 FCC8FF

 00007D

 FFE4FF

 000063

 00034A

 000432

 00021D

 000000

 855DEC

 855DEC

 7445EC

 9675EC

 632EEC

 A78CEC

 5216EC

 B8A4EC

 4200EC

 C9BBEC

 DAD3EC

 EBEBEC

 FCFFEC

 FFFFEC

Harmonies

Analogous

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



007EFF



855DEC



D528B3

Triad

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



855DEC



BE5E00



009585

Complementary

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



855DEC



C4EC5D

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.



00923A



855DEC



867A00

Square

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



855DEC



E53028



348A00



0095CB

Rectangle

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



855DEC



EB0085



348A00



00956D

Sweetspot

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



855DEC



DED1FF



5DC6EC



6B6380



000000



808080

Same Dimension

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



855DEC



7945FF



CB5DEC



6D6A75



3300B5



0F0036

Inverse Universe

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



EC5DC4



FF45CB



7EEC5D



756A72



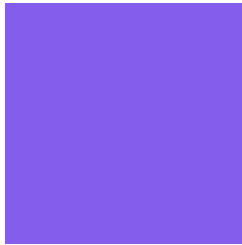
B50082



360027

Previews

White Background



This preview shows how the Hex color 855DEC 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 855DEC Background



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



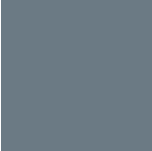
This preview shows how white text looks on a background with the Hex color 855DEC.

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](#).

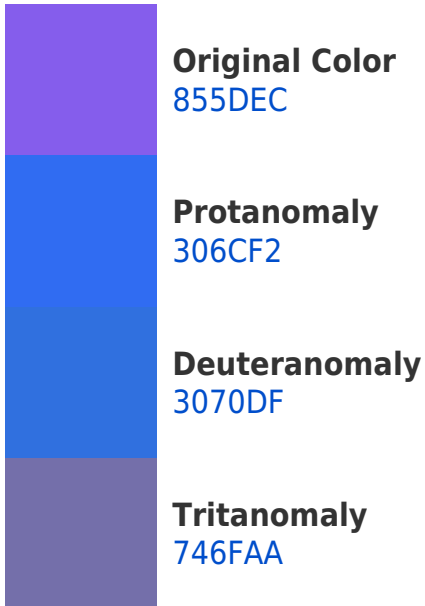
Dichromacy



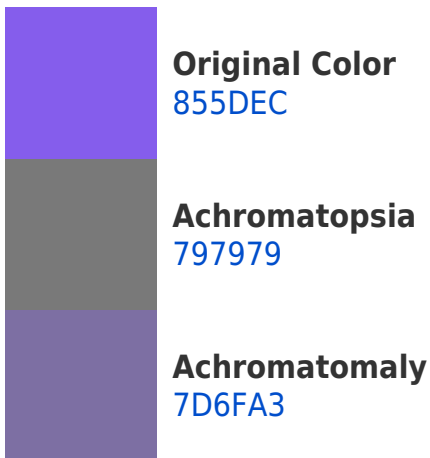


Tritanopia
6B7A84

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #855DEC colored shadow looks like.

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

Border

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

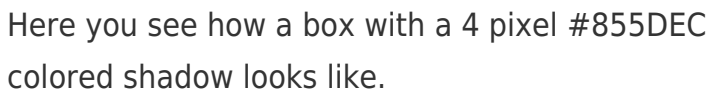
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855DEC }
```

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

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

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



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

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

Background

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

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

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

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

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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