

Converting Colors

Hex(825FAE)

Have a look what the booklet for
Hex(825FAE) contains.

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Color

Hex(825FAE)

Conversions

Conversions Part 1

Format	Color
Hex	825FAE
RGB	130, 95, 174
RGB Percent	51%, 37%, 68%
CMY	0.4902, 0.6275, 0.3176
CMYK	0.25, 0.45, 0.00, 0.32
HSL	267°, 33%, 53%
HSV	267°, 45%, 68%
XYZ	20.9381, 15.9862, 42.0265
YIQ	114.4710, -4.4990, 31.9890

Conversions

Conversions Part 2

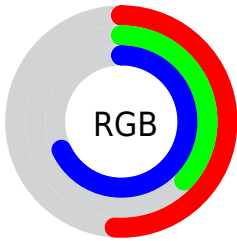
Format	Color
R_{YB}	130, 95, 174
Decimal	8544174
CIE _{Lab}	46.96, 30.61, -37.07
CIE _{LCh}	47, 48.077, 309.545
Yxy	15.9862, 0.2652, 0.2025
Android (android.graphics.Color)	4286734254 (0xFF825FAE)
YUV	114.4710, 29.3478, 13.6189
Hunter-Lab	39.9828, 23.5066, -34.3326

Details

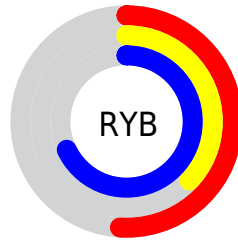
The Hex color **825FAE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8BAE5F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B992E6**, and **4E3079** is the 20% darker color. If you saturate the color by 10%, you get **784EAE**, and if you desaturate by 10%, it is **8C70AE**.

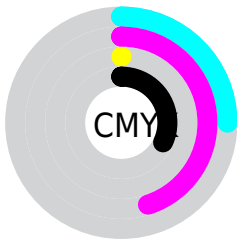
Distribution



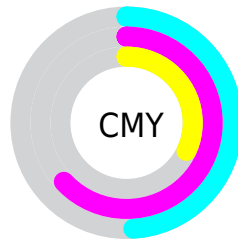
- Red (51%)
- Green (37%)
- Blue (68%)



- Red (51%)
- Yellow (37%)
- Blue (68%)



- Cyan (25%)
- Magenta (45%)
- Yellow (0%)
- Black (32%)



- Cyan (49%)
- Magenta (63%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 825FAE 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 825FAE by changing the saturation by 10% instead.

825FAE

825FAE

FFFFFF

684793

B992E6

4E3079

D5ADFF

351960

F2C8FF

1B0348

FFE5FF

000031

00011B

000000

825FAE

825FAE

784EAE

8C70AE

6F3CAE

9582AE

652BAE

9F93AE

5B19AE

A9A5AE

5208AE

B2B6AE

4D00AE

BCC7AE

C6D9AE

D0EAAE

D9FCAE

Harmonies

Analogous

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



3470BF



825FAE



AA4F8C

Triad

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



825FAE



9B6320



00837B

Complementary

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



825FAE



8BAE5F

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.



008152



825FAE



787116

Square

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



825FAE



B2533E



4D7B2D



0081A2

Rectangle

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



825FAE



B64972



4D7B2D



00826D

Sweetspot

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



825FAE



D1C3E3



5F8CAE



685F73



F2F2F2



737373

Same Dimension

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



825FAE



9F68E3



A95FAE



524E57



430096



0A0017

Inverse Universe

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



AE5F8B



E368AD



64AE5F



574E53



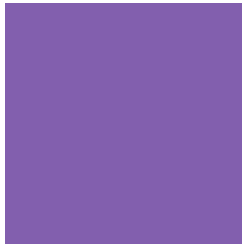
960054



17000D

Previews

White Background



This preview shows how the Hex color 825FAE 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

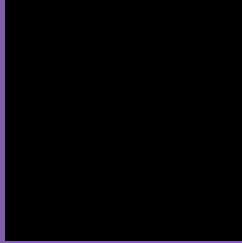
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 825FAE Background



This preview shows how black text looks on a background with the Hex color 825FAE.

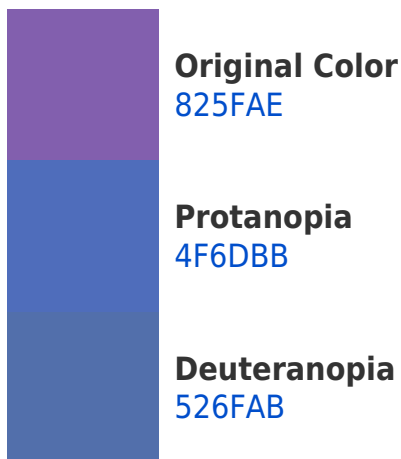



This preview shows how white text looks on a background with the Hex color 825FAE.

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](#).

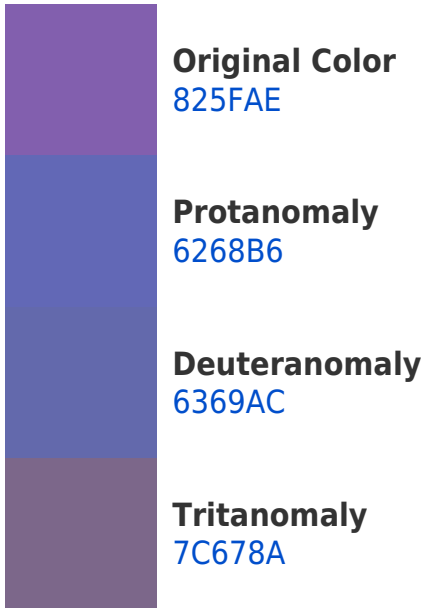
Dichromacy



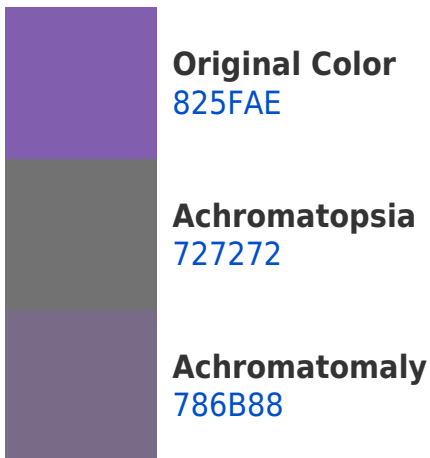


Tritanopia
786C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 825FAE 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 #825FAE looks like.

```
.text, #text, p{  
    color:#825FAE  
}
```

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 #825FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825FAE
}
```

Border

The CSS property to change the border of an element to Hex 825FAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

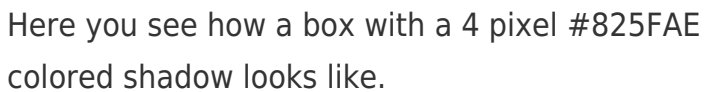
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825FAE }
```

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

```
.border{ border-color:#825FAE }
```

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



Here you see how a box with a 4 pixel #825FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825FAE; -webkit-box-shadow:4px 4px  
4px 4px #825FAE; box-shadow:4px 4px 4px  
4px #825FAE }
```

Background

The CSS property to change the background color of an element to Hex 825FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825FAE }
```

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

```
.background{ background-color:#825FAE }
```

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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