

Converting Colors

Hex(825DD7)

Have a look what the booklet for
Hex(825DD7) contains.

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Color

Hex(825DD7)

Conversions

Conversions Part 1

Format	Color
Hex	825DD7
RGB	130, 93, 215
RGB Percent	51%, 36%, 84%
CMY	0.4902, 0.6353, 0.1569
CMYK	0.40, 0.57, 0.00, 0.16
HSL	258°, 60%, 60%
HSV	258°, 57%, 84%
XYZ	25.3860, 17.4808, 66.3261
YIQ	117.9710, -17.1100, 45.7860

Conversions

Conversions Part 2

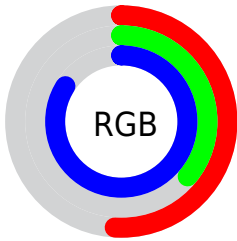
Format	Color
R_{YB}	130, 93, 215
Decimal	8543703
CIE _{Lab}	48.86, 42.43, -57.71
CIE _{LCh}	49, 71.630, 306.323
Yxy	17.4808, 0.2325, 0.1601
Android (android.graphics.Color)	4286733783 (0xFF825DD7)
YUV	117.9710, 47.8353, 10.5494
Hunter-Lab	41.8101, 35.2130, -64.7886

Details

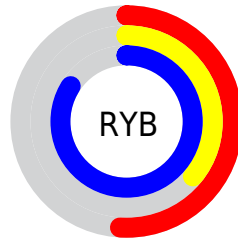
The Hex color **825DD7** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **B2D75D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BB91FF**, and **492D9F** is the 20% darker color. If you saturate the color by 10%, you get **7347D7**, and if you desaturate by 10%, it is **9172D7**.

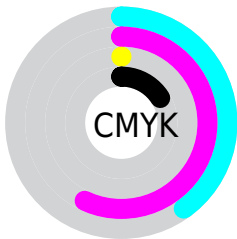
Distribution



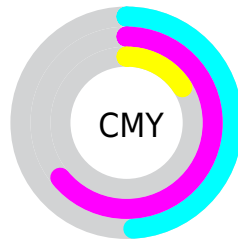
- Red (51%)
- Green (36%)
- Blue (84%)



- Red (51%)
- Yellow (36%)
- Blue (84%)



- Cyan (40%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 825DD7 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 825DD7 by changing the saturation by 10% instead.

825DD7

825DD7

FFFFFF

6644BB

BB91FF

492D9F

D8ABFF

2A1585

F6C7FF

00006B

FFE3FF

000052

000539

000223

00000A

000000

825DD7

825DD7

7347D7

9172D7

6432D7

A088D7

551CD7

AF9ED7

4607D7

BEB3D7

4100D7

CDC9D7

DCDED7

EBF3D7

FAFFD7

FFFFD7

Harmonies

Analogous

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



0078EE



825DD7



C539A6

Triad

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



825DD7



B25E00



008E80

Complementary

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



825DD7



B2D75D

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.



008B40



825DD7



817600

Square

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



825DD7



D33D2F



3F8400



008DBB

Rectangle

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



825DD7



D8257E



3F8400



008E6A

Sweetspot

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



825DD7



E1D4FF



5DB2D7



6E6680



000000



808080

Same Dimension

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



825DD7



8652FF



BF5DD7



64606B



3400AB



0D002B

Inverse Universe

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



D75DB2



FF52CA



75D75D



6B6068



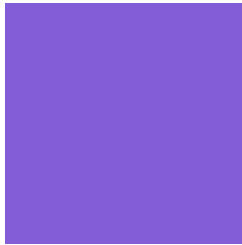
AB0077



2B001E

Previews

White Background



This preview shows how the Hex color 825DD7 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

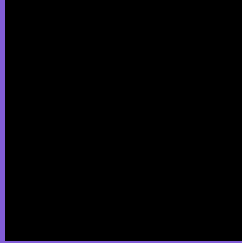
Any Text WCAG AA ✓ Pass

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 825DD7 Background



This preview shows how black text looks on a background with the Hex color 825DD7.

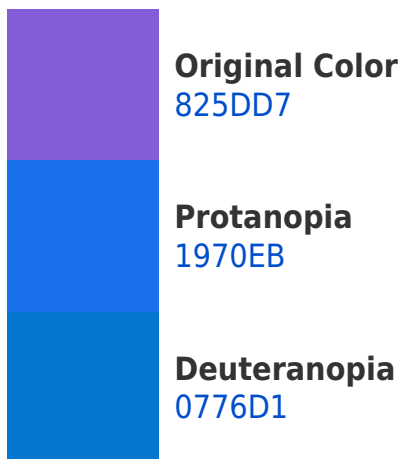


This preview shows how white text looks on a background with the Hex color 825DD7.

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](#).

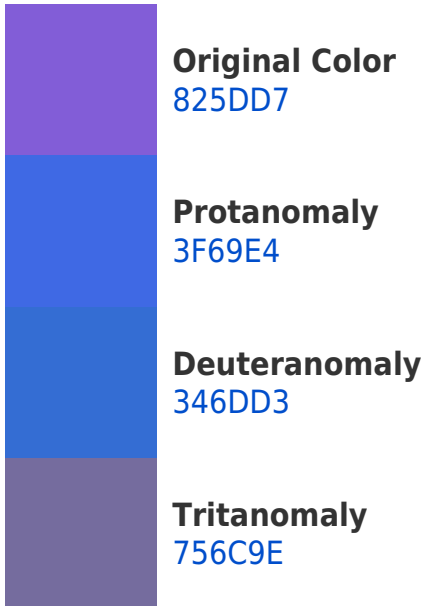
Dichromacy



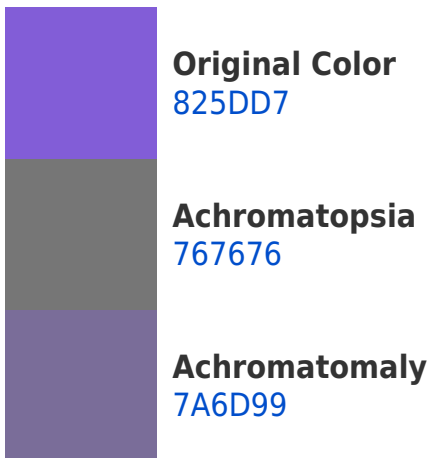


Tritanopia
6E757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 825DD7 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 #825DD7 looks like.

```
.text, #text, p{  
    color:#825DD7  
}
```

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 #825DD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825DD7
}
```

Border

The CSS property to change the border of an element to Hex 825DD7 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
#825DD7 }
```

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

```
.border{ border-color:#825DD7 }
```

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

Here you see how a box with a 4 pixel #825DD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825DD7; -webkit-box-shadow:4px 4px  
4px 4px #825DD7; box-shadow:4px 4px 4px  
4px #825DD7 }
```

Background

The CSS property to change the background color of an element to Hex 825DD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825DD7 }
```

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

```
.background{ background-color:#825DD7 }
```

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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