

# Converting Colors

Hex(8D27DE)

Have a look what the booklet for  
Hex(8D27DE) contains.

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# Color

**Hex(8D27DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D27DE
RGB	141, 39, 222
RGB Percent	55%, 15%, 87%
CMY	0.4471, 0.8471, 0.1294
CMYK	0.36, 0.82, 0.00, 0.13
HSL	273°, 73%, 51%
HSV	273°, 82%, 87%
XYZ	24.8948, 12.3877, 70.1862
YIQ	90.3600, 2.0490, 78.5370

# Conversions

## Conversions Part 2

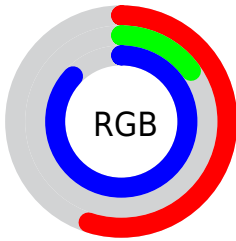
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 39, 222
Decimal	9250782
CIE <sub>Lab</sub>	41.83, 70.66, -73.07
CIE <sub>LCh</sub>	42, 101.645, 314.041
Yxy	12.3877, 0.2316, 0.1153
Android (android.graphics.Color)	4287440862 (0xFF8D27DE)
YUV	90.3600, 64.8985, 44.4113
Hunter-Lab	35.1961, 64.6629, -93.5955

# Details

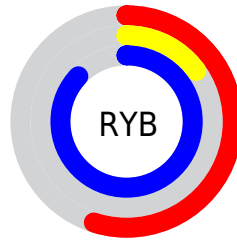
The Hex color **8D27DE** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **78DE27**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **C962FF**, and **5100A5** is the 20% darker color. If you saturate the color by 10%, you get **8311DE**, and if you desaturate by 10%, it is **973DDE**.

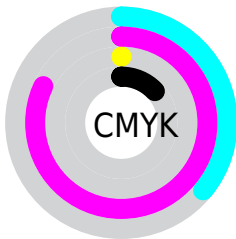
# Distribution



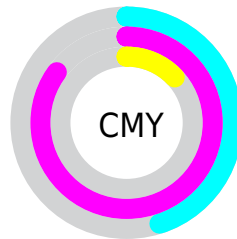
- Red (55%)
- Green (15%)
- Blue (87%)



- Red (55%)
- Yellow (15%)
- Blue (87%)



- Cyan (36%)
- Magenta (82%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (85%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D27DE 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 8D27DE by changing the saturation by 10% instead.



 8D27DE

 8D27DE

FFFFFF

 6F00C1

 C962FF

 5100A5

 E77EFF

 30008A

 FF9BFF

 000070

 FFB7FF

 000056

 FFD4FF

 00063E

 FFF1FF

 000327

 000110

 000000

■ 8D27DE

■ 8D27DE

■ 8311DE

■ 973DDE

■ 7C00DE

■ A153DE

■ AA6ADE

■ B480DE

■ BE96DE

■ C8ACDE

■ D2C2DE

■ DCD9DE

■ E5EFDE

# Harmonies

## Analogous

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



0063FF



8D27DE



DA0093

# Triad

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



8D27DE



9C4E00



00818A

# Complementary

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



8D27DE



78DE27

# 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.



007E30



8D27DE



546C00

# Square

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



8D27DE



D00000



007900



0081D8

# Rectangle

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



8D27DE



E9005C



007900



00806D



# Sweetspot

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



8D27DE



E3BFFF



2779DE



6F5980



000000



808080



# Same Dimension

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



8D27DE



8F03FF



DE27D5



6B6570



6200B0



1B0030



# Inverse Universe

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



DE2778



FF0372



27DE30



70656A



B0004E

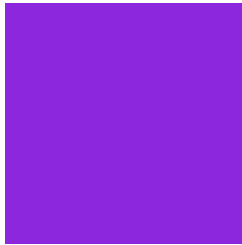


300015



# Previews

## White Background



This preview shows how the Hex color 8D27DE 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 8D27DE Background



This preview shows how black text looks on a background with the Hex color 8D27DE.

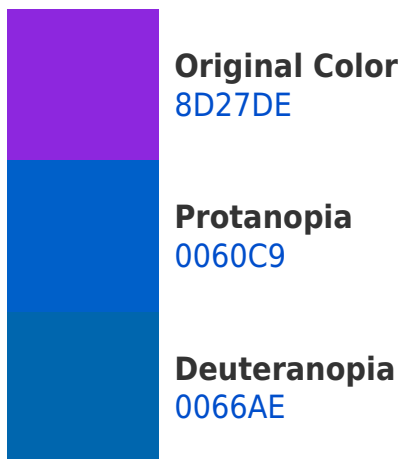



This preview shows how white text looks on a background with the Hex color 8D27DE.

# 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](#).

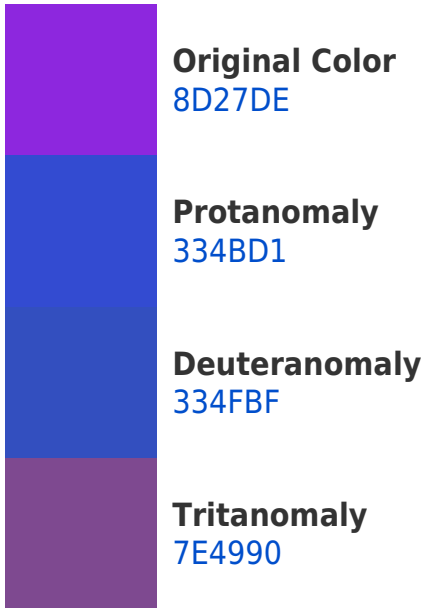
## Dichromacy



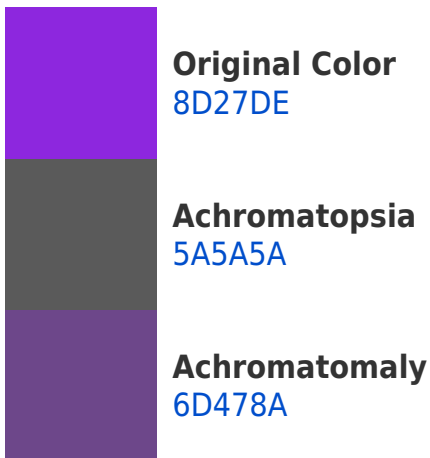


**Tritanopia**  
755C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D27DE 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 #8D27DE looks like.

```
.text, #text, p{  
    color:#8D27DE  
}
```

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 #8D27DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D27DE
}
```

## Border

The CSS property to change the border of an element to Hex 8D27DE 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".

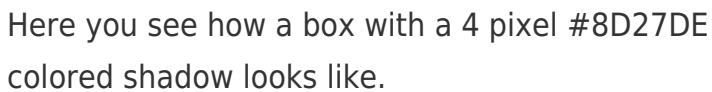
```
.border, #border, table{ border:4px solid
#8D27DE }
```

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

```
.border{ border-color:#8D27DE }
```

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

Here you see how a box with a 4 pixel #8D27DE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D27DE; -webkit-box-shadow:4px 4px  
4px 4px #8D27DE; box-shadow:4px 4px 4px  
4px #8D27DE }
```

# Background

The CSS property to change the background color of an element to Hex 8D27DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D27DE }
```

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

```
.background{ background-color:#8D27DE }
```

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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