

# Converting Colors

Hex(8D28C0)

Have a look what the booklet for  
Hex(8D28C0) contains.

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# Color

**Hex(8D28C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D28C0
RGB	141, 40, 192
RGB Percent	55%, 16%, 75%
CMY	0.4471, 0.8431, 0.2471
CMYK	0.27, 0.79, 0.00, 0.25
HSL	280°, 66%, 45%
HSV	280°, 79%, 75%
XYZ	21.2577, 10.9861, 50.8693
YIQ	87.5270, 11.4040, 68.6840

# Conversions

## Conversions Part 2

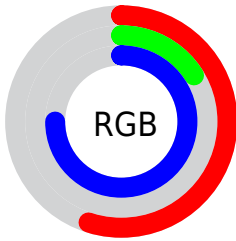
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 40, 192
Decimal	9251008
CIE <sub>Lab</sub>	39.56, 64.03, -59.40
CIE <sub>LCh</sub>	40, 87.343, 317.149
Yxy	10.9861, 0.2558, 0.1322
Android (android.graphics.Color)	4287441088 (0xFF8D28C0)
YUV	87.5270, 51.5052, 46.8958
Hunter-Lab	33.1452, 56.4769, -67.7930

# Details

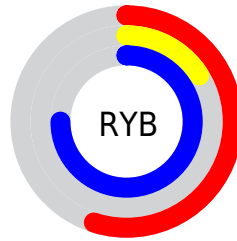
The Hex color **8D28C0** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **5BC028**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **C762F9**, and **540089** is the 20% darker color. If you saturate the color by 10%, you get **8715C0**, and if you desaturate by 10%, it is **933BC0**.

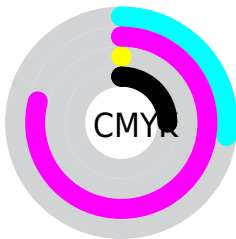
# Distribution



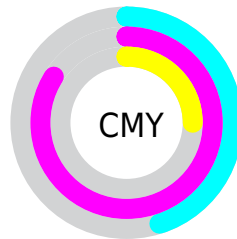
- Red (55%)
- Green (16%)
- Blue (75%)



- Red (55%)
- Yellow (16%)
- Blue (75%)



- Cyan (27%)
- Magenta (79%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (84%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D28C0 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 8D28C0 by changing the saturation by 10% instead.



 8D28C0

 8D28C0

FFFFFF

 7100A4

 C762F9

 540089

 E57DFF

 37006F

 FF99FF

 1D0056


 FFB5FF

 00003E

 FFD2FF

 000327

 FFEFFF

 000110

 000000

 8D28C0

 8D28C0

 8715C0

 933BC0

 8002C0

 9A4EC0

 8000C0

 A062C0

 A775C0

 AD88C0

 B49BC0

 BAAEC0

 C1C2C0

 C7D5C0

# Harmonies

## Analogous

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



005AE9



8D28C0



C7007F

# Triad

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



8D28C0



8B4F00



007886

# Complementary

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



8D28C0



5BC028

# 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.



00763B



8D28C0



4C6600

# Square

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



8D28C0



B91900



007100



0077C6

# Rectangle

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



8D28C0



D20050



007100



00786D



# Sweetspot

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



8D28C0



E6BEFA



285DC0



71597D



FCFCFC



7D7D7D



# Same Dimension

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



8D28C0



AA0CFA



C028A9



5E5761



6B00A1



160021



# Inverse Universe

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



C0285B



FA0C5C



28C03F



61575A



A10036

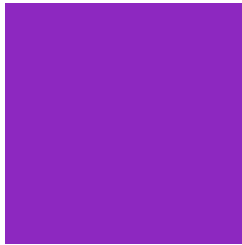


21000B



# Previews

## White Background



This preview shows how the Hex color 8D28C0 looks on a white background.

## Color Contrast Check

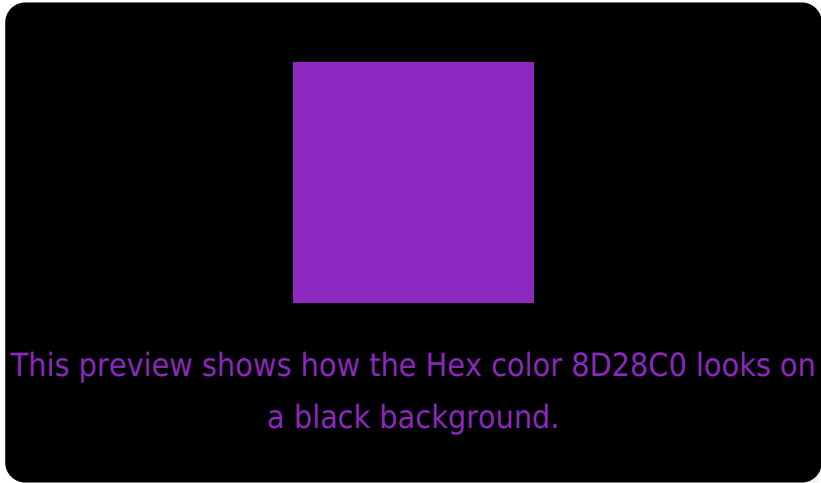
Large Text (above 18pt) WCAG AA ✓ Pass

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

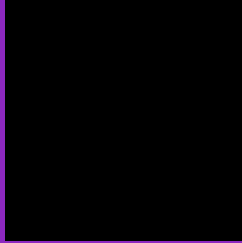
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8D28C0 Background



This preview shows how black text looks on a background with the Hex color 8D28C0.

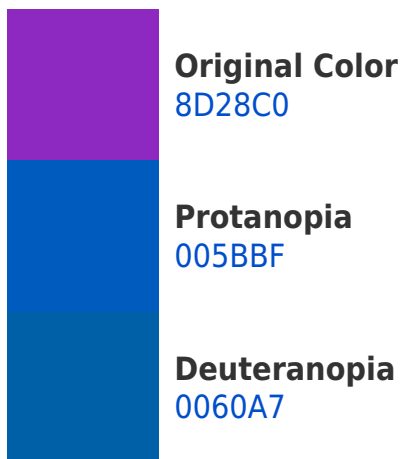


This preview shows how white text looks on a background with the Hex color 8D28C0.

# 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](#).

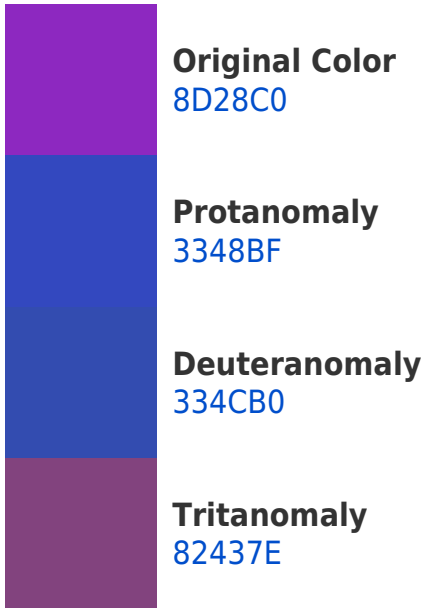
## Dichromacy



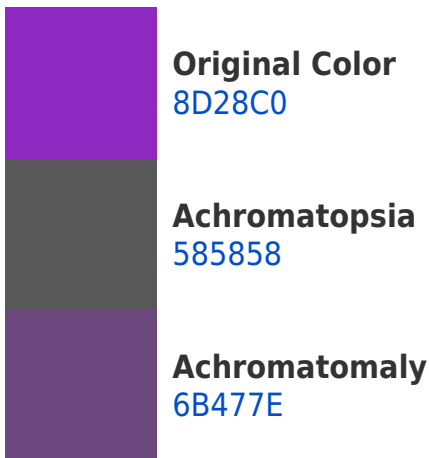


**Tritanopia**  
7C5258

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D28C0 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 #8D28C0 looks like.

```
.text, #text, p{  
    color:#8D28C0  
}
```

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 #8D28C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D28C0
}
```

## Border

The CSS property to change the border of an element to Hex 8D28C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

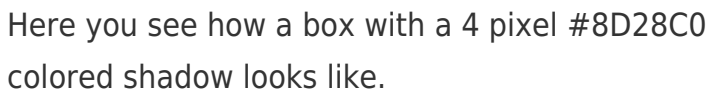
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D28C0 }
```

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

```
.border{ border-color:#8D28C0 }
```

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



Here you see how a box with a 4 pixel #8D28C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D28C0; -webkit-box-shadow:4px 4px  
4px 4px #8D28C0; box-shadow:4px 4px 4px  
4px #8D28C0 }
```

# Background

The CSS property to change the background color of an element to Hex 8D28C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D28C0 }
```

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

```
.background{ background-color:#8D28C0 }
```

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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