

# Converting Colors

Hex(8D49F2)

Have a look what the booklet for  
Hex(8D49F2) contains.

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**Color**

**Hex(8D49F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D49F2
RGB	141, 73, 242
RGB Percent	55%, 29%, 95%
CMY	0.4471, 0.7137, 0.0510
CMYK	0.42, 0.70, 0.00, 0.05
HSL	264°, 87%, 62%
HSV	264°, 70%, 95%
XYZ	29.3941, 16.8386, 85.7053
YIQ	112.5980, -13.7210, 66.9750

# Conversions

## Conversions Part 2

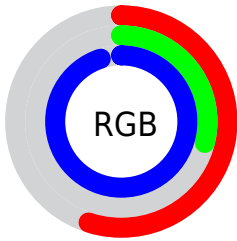
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 73, 242</a>
Decimal	<a href="#">9259506</a>
CIELab	<a href="#">48.06, 62.02, -74.22</a>
CIELCh	<a href="#">48, 96.723, 309.883</a>
Yxy	<a href="#">16.8386, 0.2228, 0.1276</a>
Android (android.graphics.Color)	<a href="#">4287449586</a> ( <a href="#">0xFF8D49F2</a> )
YUV	<a href="#">112.5980, 63.7952, 24.9086</a>
Hunter-Lab	<a href="#">41.0349, 56.0519, -95.1085</a>

# Details

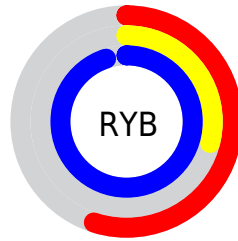
The Hex color **8D49F2** is a light color, and the websafe version is hex **9966FF**. The color can be described as light washed purple. A complement of this color would be **AEF249**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **C97EFF**, and **500DB9** is the 20% darker color. If you saturate the color by 10%, you get **7F31F2**, and if you desaturate by 10%, it is **9B61F2**.

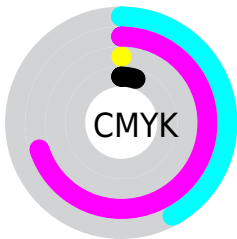
# Distribution



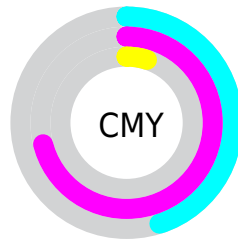
- Red (55%)
- Green (29%)
- Blue (95%)



- Red (55%)
- Yellow (29%)
- Blue (95%)



- Cyan (42%)
- Magenta (70%)
- Yellow (0%)
- Black (5%)



- Cyan (45%)
- Magenta (71%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D49F2 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 8D49F2 by changing the saturation by 10% instead.



 8D49F2

 8D49F2

FFFFFF

 6F2ED5

 C97EFF

 500DB9

 E79AFF

 2D009D

 FFB6FF

 000082

 FFD2FF

 000068

 FFEFFF

 00024F

 000537

 000220

 000005

8D49F2

8D49F2

7F31F2

9B61F2

7019F2

AA79F2

6200F2

B892F2

6100F2

C7AAF2

D5C2F2

E4DAF2

F2F2F2

FFFFFF2

# Harmonies

## Analogous

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



0076FF



8D49F2



E200AC

# Triad

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



8D49F2



B75800



00918C

# Complementary

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



8D49F2



AEF249

# 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.



008E34



8D49F2



737800

# Square

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



8D49F2



E60001



008700



0091DB

# Rectangle

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



8D49F2



F70076



008700



009070



# Sweetspot

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



8D49F2



DFC9FF



49AEF2



6C6080



000000



808080



# Same Dimension

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



8D49F2



7F29FF



E149F2



716C78



4A00B8



170038



# Inverse Universe

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



F249AE



FF29A9



5AF249



786C73



B8006E

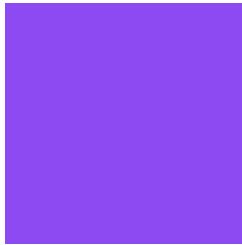


380022



# Previews

## White Background



This preview shows how the Hex color 8D49F2 looks on a white background.

## Color Contrast Check

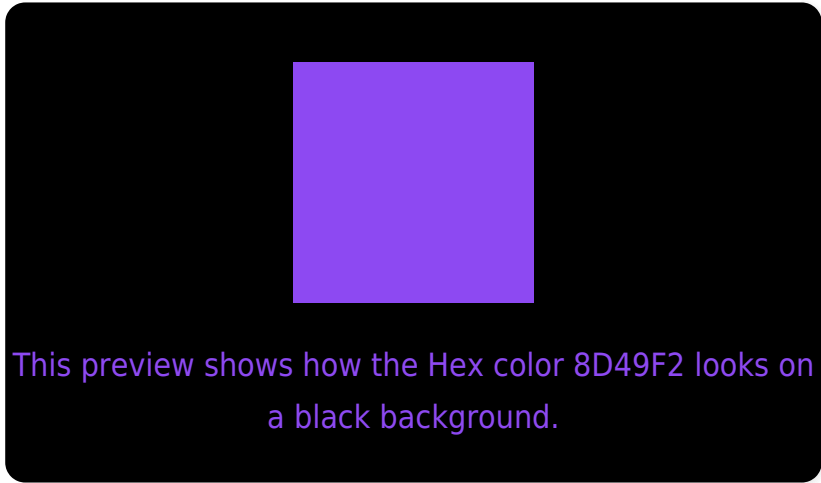
Large Text (above 18pt) WCAG AA ✓ Pass

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

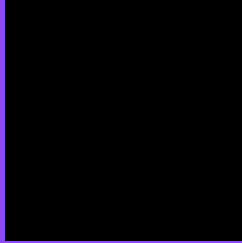
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8D49F2 Background



This preview shows how black text looks on a background with the Hex color 8D49F2.

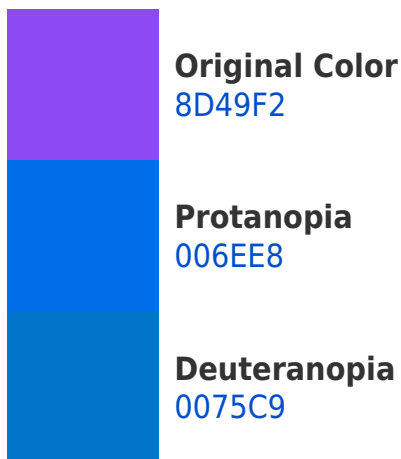


This preview shows how white text looks on a background with the Hex color 8D49F2.

# 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](#).

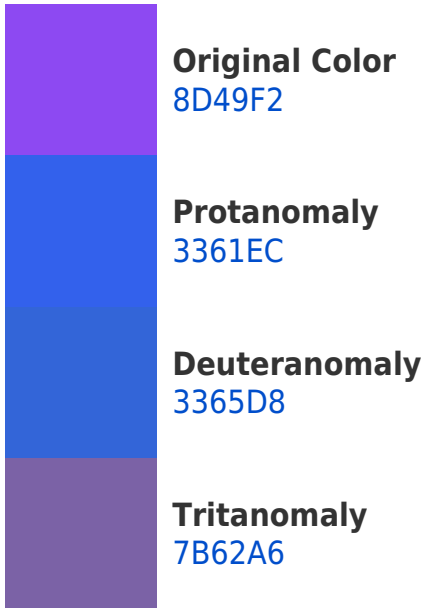
## Dichromacy





**Tritanopia**  
71717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D49F2 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 #8D49F2 looks like.

```
.text, #text, p{  
    color:#8D49F2  
}
```

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 #8D49F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D49F2
}
```

## Border

The CSS property to change the border of an element to Hex 8D49F2 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
#8D49F2 }
```

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

```
.border{ border-color:#8D49F2 }
```

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

Here you see how a box with a 4 pixel #8D49F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D49F2; -webkit-box-shadow:4px 4px  
4px 4px #8D49F2; box-shadow:4px 4px 4px  
4px #8D49F2 }
```

# Background

The CSS property to change the background color of an element to Hex 8D49F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D49F2 }
```

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

```
.background{ background-color:#8D49F2 }
```

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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