

# Converting Colors

Hex(8253D9)

Have a look what the booklet for  
Hex(8253D9) contains.

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# Color

**Hex(8253D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8253D9
RGB	130, 83, 217
RGB Percent	51%, 33%, 85%
CMY	0.4902, 0.6745, 0.1490
CMYK	0.40, 0.62, 0.00, 0.15
HSL	261°, 64%, 59%
HSV	261°, 62%, 85%
XYZ	24.8236, 15.9421, 67.4144
YIQ	112.3290, -15.0020, 51.6380

# Conversions

## Conversions Part 2

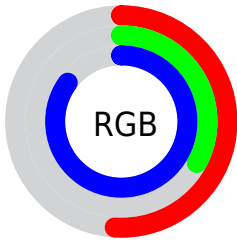
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	130, 83, 217
Decimal	8541145
CIE <sub>Lab</sub>	46.90, 48.49, -62.02
CIE <sub>LCh</sub>	47, 78.723, 308.021
Y <sub>xy</sub>	15.9421, 0.2295, 0.1474
Android (android.graphics.Color)	4286731225 (0xFF8253D9)
Y <sub>UV</sub>	112.3290, 51.6028, 15.4975
Hunter-Lab	39.9276, 41.1029, -72.1571

# Details

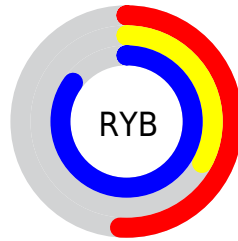
The Hex color **8253D9** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **AAD953**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BC87FF**, and **4821A1** is the 20% darker color. If you saturate the color by 10%, you get **743DD9**, and if you desaturate by 10%, it is **9069D9**.

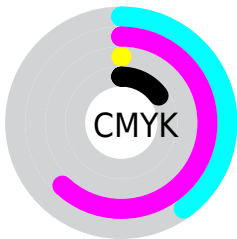
# Distribution



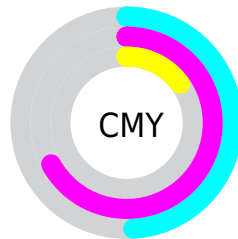
- Red (51%)
- Green (33%)
- Blue (85%)



- Red (51%)
- Yellow (33%)
- Blue (85%)



- Cyan (40%)
- Magenta (62%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (67%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8253D9 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 8253D9 by changing the saturation by 10% instead.



8253D9

8253D9

FFFFFF

653ABD

BC87FF

4821A1

D9A2FF

280586

F7BDFF

00006C

FFD9FF

000053

FFF6FF

00063B

000224

00000C

000000

■ 8253D9

■ 8253D9

■ 743DD9

■ 9069D9

■ 6628D9

■ 9E7ED9

■ 5812D9

■ AC94D9

■ 4C00D9

■ BAAAD9

■ C8C0D9

■ D7D5D9

■ E5EBD9

■ F3FFD9

■ FFFFD9

# Harmonies

## Analogous

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



0073F4



8253D9



C91FA2

# Triad

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



8253D9



AE5900



008A80

# Complementary

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



8253D9



AAD953

# 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.



00883A



8253D9



787200

# Square

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



8253D9



D32F20



278100



008AC0

# Rectangle

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



8253D9



DC0077



278100



008A69



# Sweetspot

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



8253D9



E0CFFF



53AAD9



6C6280



000000



808080



# Same Dimension

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



8253D9



8442FF



C553D9



67636E



3D00AD



10002E



# Inverse Universe

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



D953AA



FF42BD



67D953



6E636A



AD0071

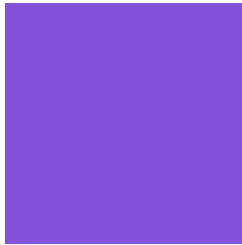


2E001E



# Previews

## White Background



This preview shows how the Hex color 8253D9 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

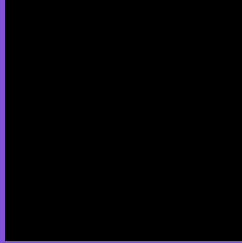
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8253D9 Background



This preview shows how black text looks on a background with the Hex color 8253D9.

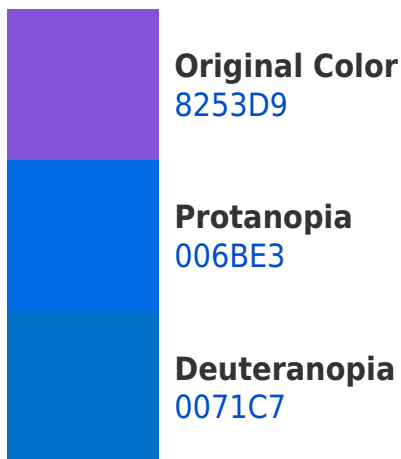


This preview shows how white text looks on a background with the Hex color 8253D9.

# 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](#).

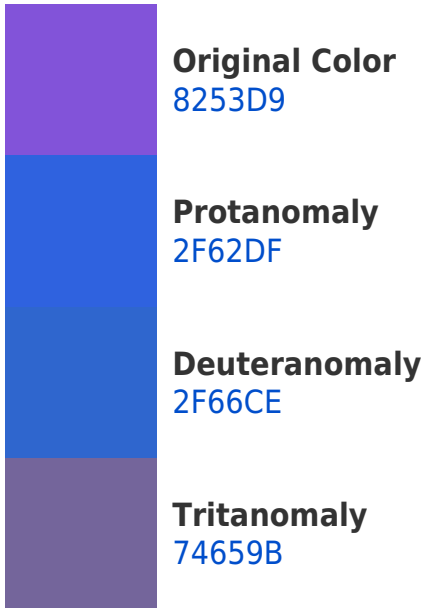
## Dichromacy



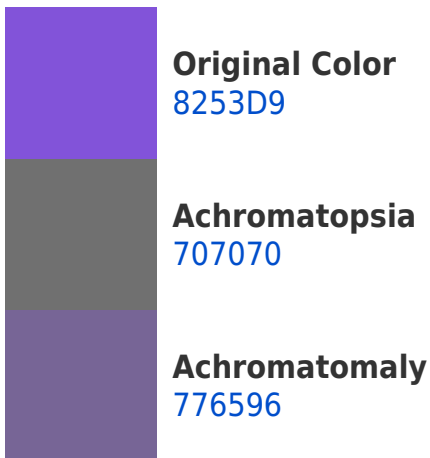


**Tritanopia**  
6C6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8253D9 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 #8253D9 looks like.

```
.text, #text, p{  
    color:#8253D9  
}
```

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 #8253D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8253D9
}
```

## Border

The CSS property to change the border of an element to Hex 8253D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

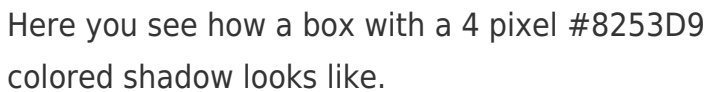
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8253D9 }
```

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

```
.border{ border-color:#8253D9 }
```

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



Here you see how a box with a 4 pixel #8253D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8253D9; -webkit-box-shadow:4px 4px  
4px 4px #8253D9; box-shadow:4px 4px 4px  
4px #8253D9 }
```

# Background

The CSS property to change the background color of an element to Hex 8253D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8253D9 }
```

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

```
.background{ background-color:#8253D9 }
```

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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