

# Converting Colors

Hex(7F52C3)

Have a look what the booklet for  
Hex(7F52C3) contains.

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# Color

Hex(7F52C3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F52C3
RGB	127, 82, 195
RGB Percent	50%, 32%, 76%
CMY	0.5020, 0.6784, 0.2353
CMYK	0.35, 0.58, 0.00, 0.24
HSL	264°, 48%, 54%
HSV	264°, 58%, 76%
XYZ	21.6200, 14.4867, 53.2865
YIQ	108.3370, -9.4530, 44.6830

# Conversions

## Conversions Part 2

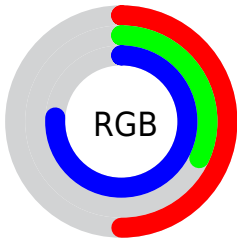
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 82, 195
Decimal	8344259
CIE <sub>Lab</sub>	44.92, 42.62, -52.57
CIE <sub>LCh</sub>	45, 67.675, 309.032
Yxy	14.4867, 0.2419, 0.1621
Android (android.graphics.Color)	4286534339 (0xFF7F52C3)
YUV	108.3370, 42.7249, 16.3675
Hunter-Lab	38.0615, 34.7857, -56.3637

# Details

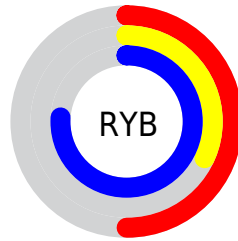
The Hex color **7F52C3** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **96C352**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B785FC**, and **48218C** is the 20% darker color. If you saturate the color by 10%, you get **733FC3**, and if you desaturate by 10%, it is **8B66C3**.

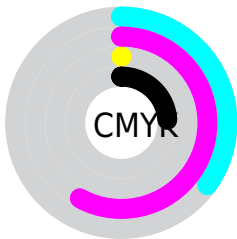
# Distribution



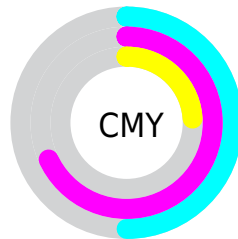
- Red (50%)
- Green (32%)
- Blue (76%)



- Red (50%)
- Yellow (32%)
- Blue (76%)



- Cyan (35%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (68%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F52C3 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 7F52C3 by changing the saturation by 10% instead.



7F52C3

7F52C3

FFFFFF

633AA7

B785FC

48218C

D4A0FF

2B0772

F1BBFF

070059

FFD7FF

000041

FFF4FF

00032A

000114

000000

7F52C3

7F52C3

733FC3

8B66C3

682BC3

9679C3

5C18C3

A28DC3

5004C3

AEA0C3

4E00C3

BAB4C3

C5C7C3

D1DBC3

DDEEC3

E9FFC3

# Harmonies

## Analogous

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



006CDB



7F52C3



B93094

# Triad

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



7F52C3



A05800



00837A

# Complementary

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



7F52C3



96C352

# 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.



00803F



7F52C3



726D00

# Square

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



7F52C3



C13A25



307A00



0082B1

# Rectangle

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



7F52C3



C91E6F



307A00



008267



# Sweetspot

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



7F52C3



E3D2FC



5298C3



706680



000000



808080



# Same Dimension

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



7F52C3



924CFC



B652C3



5B5761



4000A1



0D0021



# Inverse Universe

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



C35296



FC4CB6



5FC352



61575D



A10061

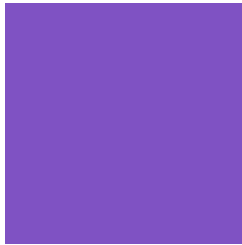


210014



# Previews

## White Background



This preview shows how the Hex color 7F52C3 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

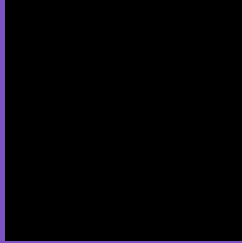
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F52C3 Background



This preview shows how black text looks on a background with the Hex color 7F52C3.

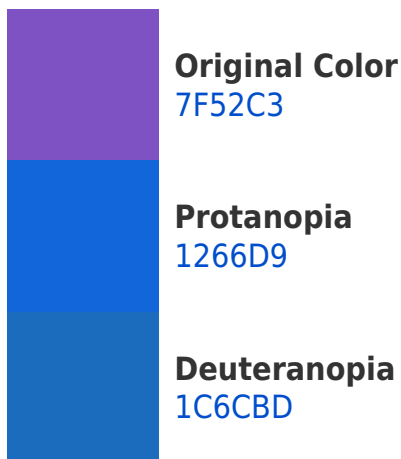



This preview shows how white text looks on a background with the Hex color 7F52C3.

# 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](#).

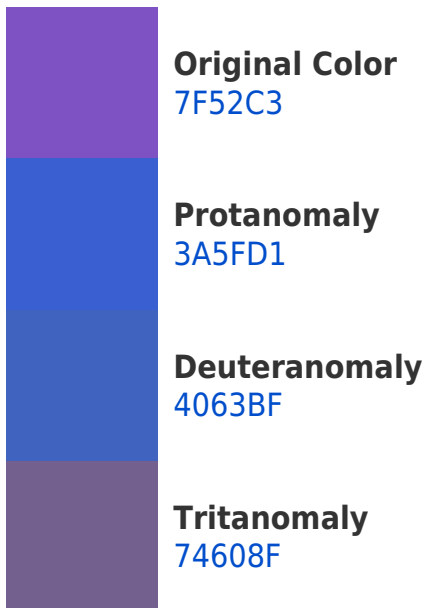
## Dichromacy





**Tritanopia**  
6E6871

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F52C3 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 #7F52C3 looks like.

```
.text, #text, p{  
    color:#7F52C3  
}
```

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 #7F52C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F52C3
}
```

## Border

The CSS property to change the border of an element to Hex 7F52C3 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
#7F52C3 }
```

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

```
.border{ border-color:#7F52C3 }
```

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

Here you see how a box with a 4 pixel #7F52C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F52C3; -webkit-box-shadow:4px 4px  
4px 4px #7F52C3; box-shadow:4px 4px 4px  
4px #7F52C3 }
```

# Background

The CSS property to change the background color of an element to Hex 7F52C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F52C3 }
```

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

```
.background{ background-color:#7F52C3 }
```

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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