

# Converting Colors

Hex(7F52D8)

Have a look what the booklet for  
Hex(7F52D8) contains.

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# Color

**Hex(7F52D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F52D8
RGB	127, 82, 216
RGB Percent	50%, 32%, 85%
CMY	0.5020, 0.6784, 0.1529
CMYK	0.41, 0.62, 0.00, 0.15
HSL	260°, 63%, 58%
HSV	260°, 62%, 85%
XYZ	24.1644, 15.5045, 66.6848
YIQ	110.7310, -16.1940, 51.2140

# Conversions

## Conversions Part 2

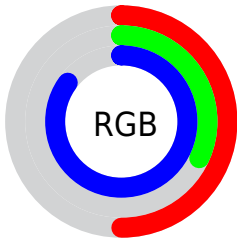
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 82, 216
Decimal	8344280
CIE <sub>Lab</sub>	46.32, 48.14, -62.40
CIE <sub>LCh</sub>	46, 78.811, 307.648
Yxy	15.5045, 0.2272, 0.1458
Android (android.graphics.Color)	4286534360 (0xFF7F52D8)
YUV	110.7310, 51.8976, 14.2679
Hunter-Lab	39.3757, 40.6355, -72.8476

# Details

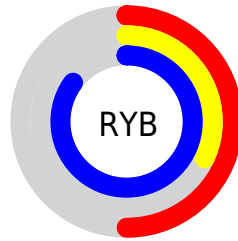
The Hex color **7F52D8** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **ABD852**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B986FF**, and **4520A0** is the 20% darker color. If you saturate the color by 10%, you get **713CD8**, and if you desaturate by 10%, it is **8D68D8**.

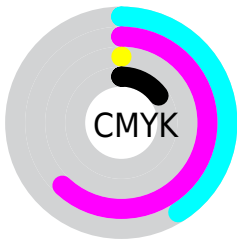
# Distribution



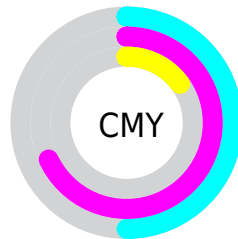
- Red (50%)
- Green (32%)
- Blue (85%)



- Red (50%)
- Yellow (32%)
- Blue (85%)



- Cyan (41%)
- Magenta (62%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (68%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F52D8 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 7F52D8 by changing the saturation by 10% instead.



7F52D8

7F52D8

FFFFFF

6239BC

B986FF

4520A0

D6A0FF

230485

F4BCFF

00006B

FFD8FF

000052

FFF5FF

00053A

000223

00000B

000000

 7F52D8

 7F52D8

 713CD8

 8D68D8

 6227D8

 9C7DD8

 5411D8

 AA93D8

 4900D8

 B8A8D8

 C7BED8

 D5D4D8

 E3E9D8

 F2FFD8

 FFFFD8

# Harmonies

## Analogous

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



0072F3



7F52D8



C61DA1

# Triad

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



7F52D8



AC5700



00897E

# Complementary

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



7F52D8



ABD852

# 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.



008637



7F52D8



777100

# Square

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



7F52D8



D22C1F



267F00



0088BE

# Rectangle

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



7F52D8



DA0076



267F00



008866



# Sweetspot

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



7F52D8



DFCFFF



52ABD8



6C6280



000000



808080



# Same Dimension

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



7F52D8



8242FF



C252D8



64606B



3900AB



0F002B



# Inverse Universe

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



D852AB



FF42C0



68D852



6B6068



AB0071

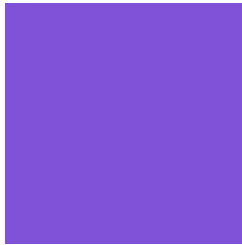


2B001D



# Previews

## White Background



This preview shows how the Hex color 7F52D8 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

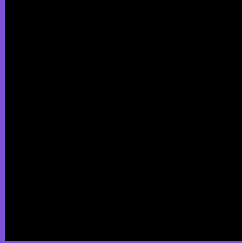
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F52D8 Background



This preview shows how black text looks on a background with the Hex color 7F52D8.

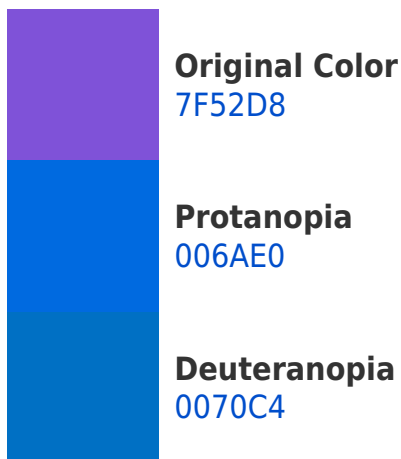


This preview shows how white text looks on a background with the Hex color 7F52D8.

# 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



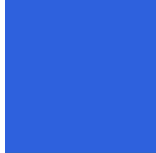


**Tritanopia**  
686E77

# Trichromacy



**Original Color**  
7F52D8



**Protanomaly**  
2E61DD



**Deuteranomaly**  
2E65CB



**Tritanomaly**  
70649A

# Monochromacy



**Original Color**  
7F52D8



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
756495

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F52D8 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 #7F52D8 looks like.

```
.text, #text, p{  
    color:#7F52D8  
}
```

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 #7F52D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F52D8
}
```

## Border

The CSS property to change the border of an element to Hex 7F52D8 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
#7F52D8 }
```

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

```
.border{ border-color:#7F52D8 }
```

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

Here you see how a box with a 4 pixel #7F52D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F52D8; -webkit-box-shadow:4px 4px  
4px 4px #7F52D8; box-shadow:4px 4px 4px  
4px #7F52D8 }
```

# Background

The CSS property to change the background color of an element to Hex 7F52D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F52D8 }
```

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

```
.background{ background-color:#7F52D8 }
```

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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