

# Converting Colors

Hex(7F5FD6)

Have a look what the booklet for  
Hex(7F5FD6) contains.

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# Color

**Hex(7F5FD6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F5FD6
RGB	127, 95, 214
RGB Percent	50%, 37%, 84%
CMY	0.5020, 0.6275, 0.1608
CMYK	0.41, 0.56, 0.00, 0.16
HSL	256°, 59%, 61%
HSV	256°, 56%, 84%
XYZ	24.9822, 17.5515, 65.6894
YIQ	118.1340, -19.1270, 43.7930

# Conversions

## Conversions Part 2

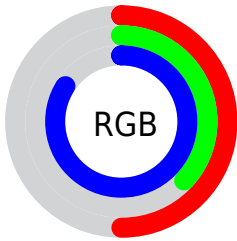
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 95, 214
Decimal	8347606
CIE <sub>Lab</sub>	48.95, 40.34, -57.02
CIE <sub>LCh</sub>	49, 69.843, 305.278
Yxy	17.5515, 0.2308, 0.1622
Android (android.graphics.Color)	4286537686 (0xFF7F5FD6)
<b>YUV</b>	118.1340, 47.2619, 7.7755
Hunter-Lab	41.8945, 33.1264, -63.6389

# Details

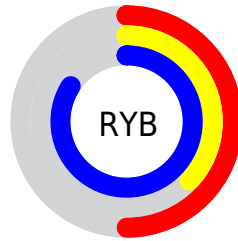
The Hex color **7F5FD6** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **B6D65F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B892FF**, and **462F9E** is the 20% darker color. If you saturate the color by 10%, you get **6F4AD6**, and if you desaturate by 10%, it is **8F74D6**.

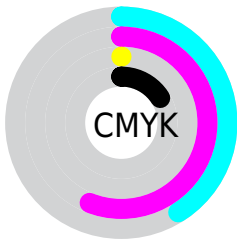
# Distribution



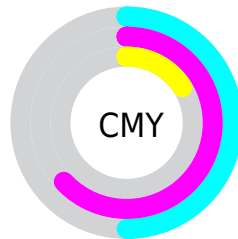
- Red (50%)
- Green (37%)
- Blue (84%)



- Red (50%)
- Yellow (37%)
- Blue (84%)



- Cyan (41%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (63%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F5FD6 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 7F5FD6 by changing the saturation by 10% instead.



7F5FD6

7F5FD6

FFFFFF

6347BA

B892FF

462F9E

D5ADFF

271884

F3C9FF

00026A

FFE5FF

000051

000539

000222

000008

000000

 7F5FD6

 7F5FD6

 6F4AD6

 8F74D6

 6034D6

 9E8AD6

 501FD6

 AE9FD6

 4009D6

 BEB5D6

 3A00D6

 CDCAD6

 DDDFD6

 EDF5D6

 FCFFD6

 FFFFD6

# Harmonies

## Analogous

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



0079EB



7F5FD6



C23DA7

# Triad

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



7F5FD6



B35E00



008E7E

# Complementary

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



7F5FD6



B6D65F

# 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.



008B3F



7F5FD6



847500

# Square

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



7F5FD6



D33F33



448300



008DB8

# Rectangle

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



7F5FD6



D62B80



448300



008D69



# Sweetspot

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



7F5FD6



DFD4FF



5FB6D6



6D6680



000000



808080



# Same Dimension

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



7F5FD6



8254FF



BA5FD6



63606B



2E00AB



0C002B



# Inverse Universe

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



D65FB6



FF54D1



7BD65F



6B6068



AB007D

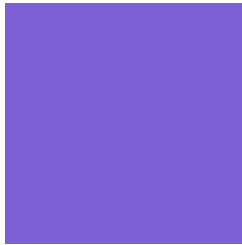


2B0020



# Previews

## White Background



This preview shows how the Hex color 7F5FD6 looks on a white background.

## Color Contrast Check

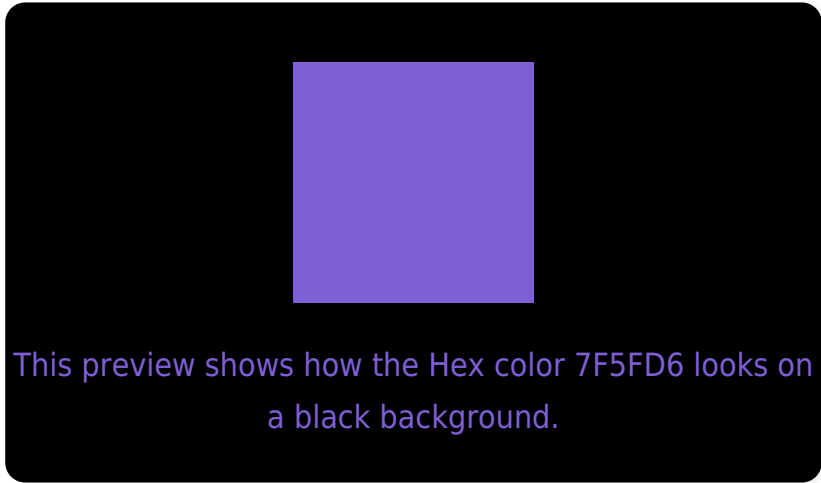
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

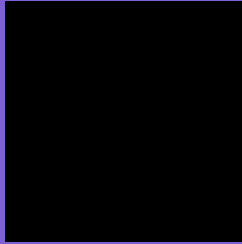
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F5FD6 Background



This preview shows how black text looks on a background with the Hex color 7F5FD6.

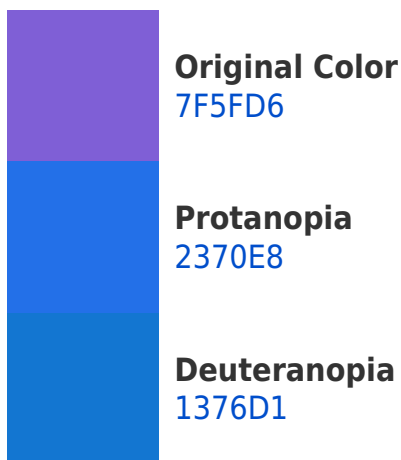


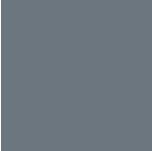
This preview shows how white text looks on a background with the Hex color 7F5FD6.

# 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](#).

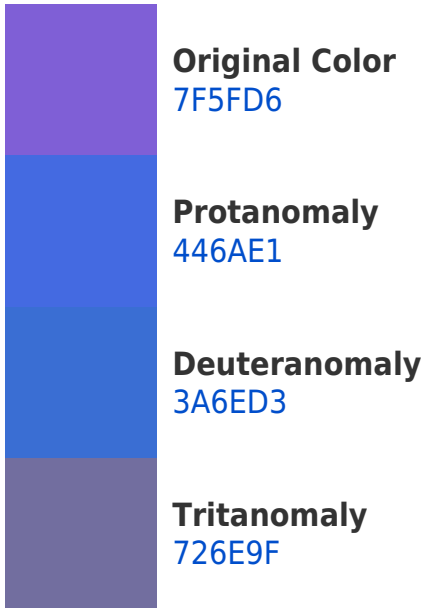
## Dichromacy





**Tritanopia**  
6B767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F5FD6 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 #7F5FD6 looks like.

```
.text, #text, p{  
    color:#7F5FD6  
}
```

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 #7F5FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5FD6
}
```

## Border

The CSS property to change the border of an element to Hex 7F5FD6 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
#7F5FD6 }
```

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

```
.border{ border-color:#7F5FD6 }
```

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

Here you see how a box with a 4 pixel #7F5FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5FD6; -webkit-box-shadow:4px 4px  
4px 4px #7F5FD6; box-shadow:4px 4px 4px  
4px #7F5FD6 }
```

# Background

The CSS property to change the background color of an element to Hex 7F5FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5FD6 }
```

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

```
.background{ background-color:#7F5FD6 }
```

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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