

Converting Colors

Hex(7F53D1)

Have a look what the booklet for
Hex(7F53D1) contains.

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Color

Hex(7F53D1)

Conversions

Conversions Part 1

Format	Color
Hex	7F53D1
RGB	127, 83, 209
RGB Percent	50%, 33%, 82%
CMY	0.5020, 0.6745, 0.1804
CMYK	0.39, 0.60, 0.00, 0.18
HSL	261°, 58%, 57%
HSV	261°, 60%, 82%
XYZ	23.3543, 15.3020, 62.0443
YIQ	110.5200, -14.2220, 48.5140

Conversions

Conversions Part 2

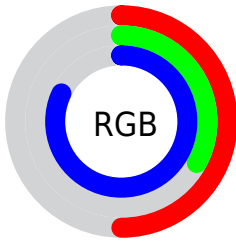
Format	Color
R_{YB}	127, 83, 209
Decimal	8344529
CIE _{Lab}	46.05, 45.73, -58.84
CIE _{LCh}	46, 74.520, 307.858
Yxy	15.3020, 0.2319, 0.1520
Android (android.graphics.Color)	4286534609 (0xFF7F53D1)
YUV	110.5200, 48.5506, 14.4530
Hunter-Lab	39.1178, 38.1129, -66.6568

Details

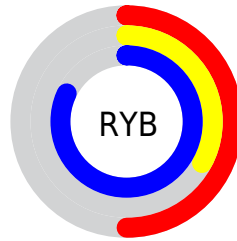
The Hex color **7F53D1** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **A5D153**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B886FF**, and **46229A** is the 20% darker color. If you saturate the color by 10%, you get **713ED1**, and if you desaturate by 10%, it is **8D68D1**.

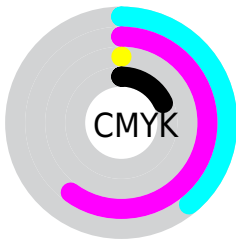
Distribution



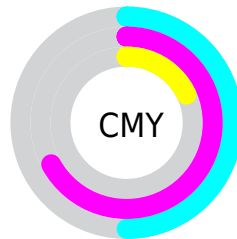
- Red (50%)
- Green (33%)
- Blue (82%)



- Red (50%)
- Yellow (33%)
- Blue (82%)



- Cyan (39%)
- Magenta (60%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (67%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F53D1 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 7F53D1 by changing the saturation by 10% instead.

 7F53D1

 7F53D1

FFFFFF

 633AB5

 B886FF

 46229A

 D5A1FF

 27077F

 F3BDFF

 000065

 FFD9FF

 00004C

 FFF6FF

 000534

 00021E

 000001

 000000

7F53D1

7F53D1

713ED1

8D68D1

6429D1

9A7DD1

5614D1

A892D1

4900D1

B5A7D1

C3BCD1

D1D0D1

DEE5D1

ECFAD1

F9FFD1

Harmonies

Analogous

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



0070EB



7F53D1



C1279D

Triad

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



7F53D1



A95800



00877C

Complementary

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



7F53D1



A5D153

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.



00843A



7F53D1



767000

Square

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



7F53D1



CC3223



2D7E00



0086B9

Rectangle

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



7F53D1



D40074



2D7E00



008767

Sweetspot

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



7F53D1



E1D1FF



53A7D1



6D6380



000000



808080

Same Dimension

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



7F53D1



8847FF



BC53D1



625E69



3B00A8



0E0029

Inverse Universe

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



D153A5



FF47BF



68D153



695E65



A8006E



29001B

Previews

White Background



This preview shows how the Hex color 7F53D1 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 7F53D1 Background



This preview shows how black text looks on a background with the Hex color 7F53D1.




This preview shows how white text looks on a background with the Hex color 7F53D1.

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



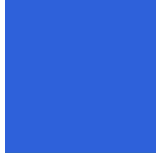


Tritanopia
6B6D75

Trichromacy



Original Color
7F53D1



Protanomaly
2E61DA



Deuteranomaly
2E65C9



Tritanomaly
726496

Monochromacy



Original Color
7F53D1



Achromatopsia
6F6F6F



Achromatomaly
756593

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F53D1 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 #7F53D1 looks like.

```
.text, #text, p{  
    color:#7F53D1  
}
```

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 #7F53D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F53D1
}
```

Border

The CSS property to change the border of an element to Hex 7F53D1 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
#7F53D1 }
```

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

```
.border{ border-color:#7F53D1 }
```

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

Here you see how a box with a 4 pixel #7F53D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F53D1; -webkit-box-shadow:4px 4px  
4px 4px #7F53D1; box-shadow:4px 4px 4px  
4px #7F53D1 }
```

Background

The CSS property to change the background color of an element to Hex 7F53D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F53D1 }
```

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

```
.background{ background-color:#7F53D1 }
```

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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