

# Converting Colors

Hex(7A53DC)

Have a look what the booklet for  
Hex(7A53DC) contains.

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**Color**

**Hex(7A53DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A53DC
RGB	122, 83, 220
RGB Percent	48%, 33%, 86%
CMY	0.5216, 0.6745, 0.1373
CMYK	0.45, 0.62, 0.00, 0.14
HSL	257°, 66%, 59%
HSV	257°, 62%, 86%
XYZ	24.0376, 15.4914, 69.4334
YIQ	110.2790, -20.7330, 50.8750

# Conversions

## Conversions Part 2

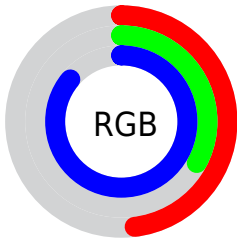
Format	Color
R <sub>YB</sub>	122, 83, 220
Decimal	8016860
CIE Lab	46.30, 47.66, -64.73
CIE LCh	46, 80.386, 306.362
Yxy	15.4914, 0.2206, 0.1422
Android (android.graphics.Color)	4286206940 (0xFF7A53DC)
YUV	110.2790, 54.0925, 10.2793
Hunter-Lab	39.3591, 40.1358, -77.0421

# Details

The Hex color **7A53DC** 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 **B5DC53**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B486FF**, and **3E22A4** is the 20% darker color. If you saturate the color by 10%, you get **6A3DDC**, and if you desaturate by 10%, it is **8A69DC**.

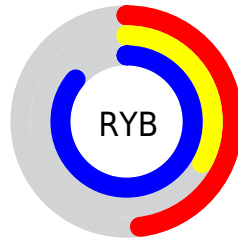
# Distribution



Red (48%)

Green (33%)

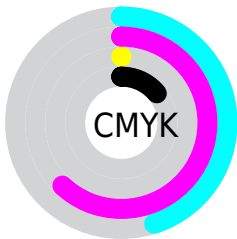
Blue (86%)



Red (48%)

Yellow (33%)

Blue (86%)

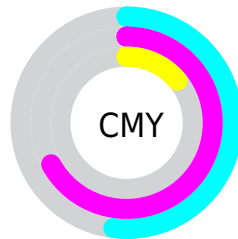


Cyan (45%)

Magenta (62%)

Yellow (0%)

Black (14%)



Cyan (52%)

Magenta (67%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A53DC 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 7A53DC by changing the saturation by 10% instead.



7A53DC

7A53DC

FFFFFF

5D3AC0

B486FF

3E22A4

D2A1FF

180789

F0BDFF

00006F

FFD9FF

000055

FFF5FF

00063D

000326

00010F

000000

 7A53DC

 7A53DC

 6A3DDC

 8A69DC

 5B27DC

 997FDC

 4B11DC

 A995DC

 3F00DC

 B9ABDC

 C9C1DC

 D8D7DC

 E8EDDC

 F8FFDC

 FFFFDC

# Harmonies

## Analogous

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



0073F6



7A53DC



C61BA5

# Triad

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



7A53DC



AF5500



00897B

# Complementary

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



7A53DC



B5DC53

# 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.



008633



7A53DC



7A7000

# Square

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



7A53DC



D42620



297F00



0089BD

# Rectangle

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



7A53DC



DB0079



297F00



008863



# Sweetspot

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



7A53DC



DCCFFF



53B5DC



6B6280



000000



808080



# Same Dimension

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



7A53DC



7640FF



BE53DC



66636E



3100AD



0D002E



# Inverse Universe

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



DC53B5



FF40C9



71DC53



6E636B



AD007C

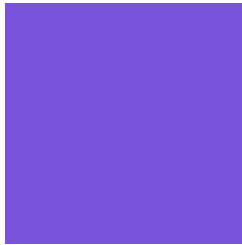


2E0021



# Previews

## White Background



This preview shows how the Hex color 7A53DC looks on a white background.

## Color Contrast Check

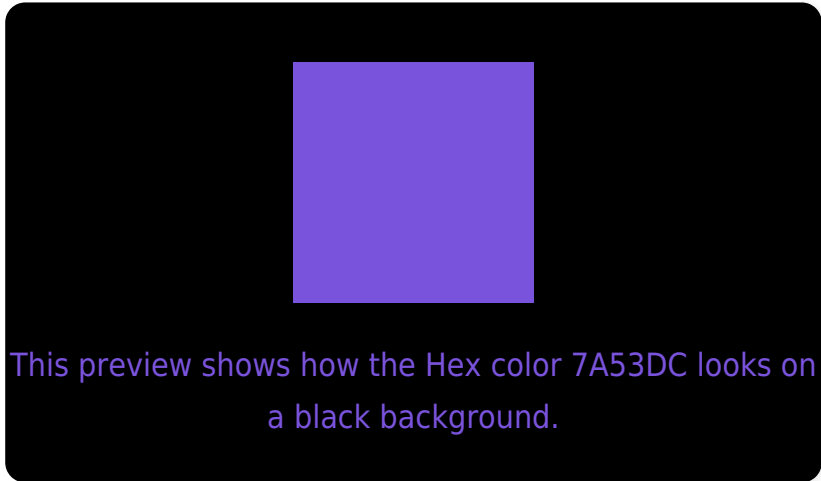
Large Text (above 18pt) WCAG AA ✓ Pass

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

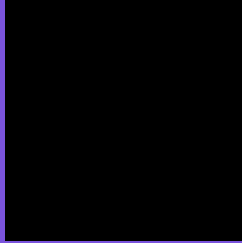
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7A53DC Background



This preview shows how black text looks on a background with the Hex color 7A53DC.

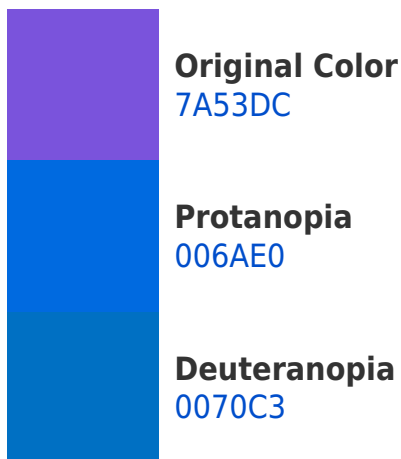


This preview shows how white text looks on a background with the Hex color 7A53DC.

# 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



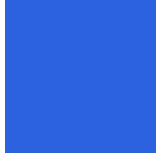


**Tritanopia**  
617079

# Trichromacy



**Original Color**  
7A53DC



**Protanomaly**  
2C62DF



**Deuteranomaly**  
2C65CC



**Tritanomaly**  
6A659D

# Monochromacy



**Original Color**  
7A53DC



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
726496

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A53DC 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 #7A53DC looks like.

```
.text, #text, p{  
    color:#7A53DC  
}
```

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 #7A53DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A53DC
}
```

## Border

The CSS property to change the border of an element to Hex 7A53DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

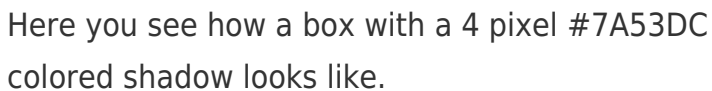
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A53DC }
```

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

```
.border{ border-color:#7A53DC }
```

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



Here you see how a box with a 4 pixel #7A53DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A53DC; -webkit-box-shadow:4px 4px  
4px 4px #7A53DC; box-shadow:4px 4px 4px  
4px #7A53DC }
```

# Background

The CSS property to change the background color of an element to Hex 7A53DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A53DC }
```

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

```
.background{ background-color:#7A53DC }
```

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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