

# Converting Colors

Hex(7D53C7)

Have a look what the booklet for  
Hex(7D53C7) contains.

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**Color**

**Hex(7D53C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D53C7
RGB	125, 83, 199
RGB Percent	49%, 33%, 78%
CMY	0.5098, 0.6745, 0.2196
CMYK	0.37, 0.58, 0.00, 0.22
HSL	262°, 51%, 55%
HSV	262°, 58%, 78%
XYZ	21.8595, 14.6700, 55.7123
YIQ	108.7820, -12.2040, 44.9800

# Conversions

## Conversions Part 2

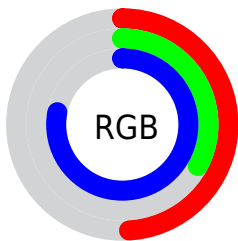
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 83, 199
Decimal	8213447
CIE Lab	45.18, 42.64, -54.48
CIE LCh	45, 69.185, 308.046
Yxy	14.6700, 0.2370, 0.1590
Android (android.graphics.Color)	4286403527 (0xFF7D53C7)
YUV	108.7820, 44.4775, 14.2232
Hunter-Lab	38.3014, 34.8465, -59.4307

# Details

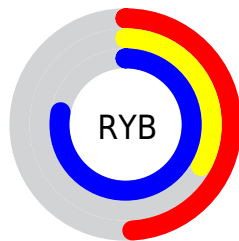
The Hex color **7D53C7** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **9DC753**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B586FF**, and **452390** is the 20% darker color. If you saturate the color by 10%, you get **703FC7**, and if you desaturate by 10%, it is **8A67C7**.

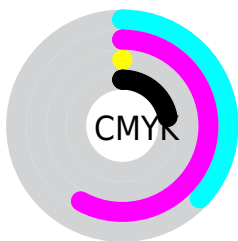
# Distribution



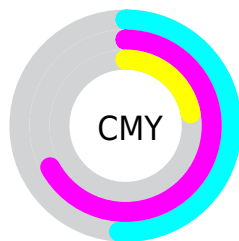
- Red (49%)
- Green (33%)
- Blue (78%)



- Red (49%)
- Yellow (33%)
- Blue (78%)



- Cyan (37%)
- Magenta (58%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (67%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D53C7 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 7D53C7 by changing the saturation by 10% instead.



7D53C7

7D53C7

FFFFFF

613BAB

B586FF

452390

D2A1FF

280976

F0BCFF

00005D

FFD8FF

000044

FFF5FF

00032D

000117

000000

7D53C7

7D53C7

 703FC7

 8A67C7

 642BC7

 967BC7

 5717C7

 A38FC7

 4A03C7

 B0A3C7

 4800C7

 BCB7C7

 C9CAC7

 D6DEC7

 E3F2C7

 EFFF7C7

# Harmonies

## Analogous

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



006DDF



7D53C7



BA2F97

# Triad

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



7D53C7



A35800



00847A

# Complementary

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



7D53C7



9DC753

# 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.



00813D



7D53C7



746E00

# Square

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



7D53C7



C43826



327A00



0083B1

# Rectangle

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



7D53C7



CB1A71



327A00



008365



# Sweetspot

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



7D53C7



E3D4FF



539EC7



6F6680



000000



808080



# Same Dimension

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



7D53C7



8D4DFF



B653C7



5D5A63



3B00A3



0D0024



# Inverse Universe

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



C7539D



FF4DBE



64C753



635A60



A30068

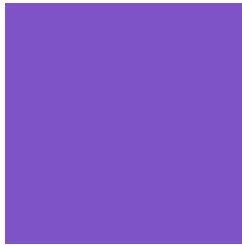


240017



# Previews

## White Background



This preview shows how the Hex color 7D53C7 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

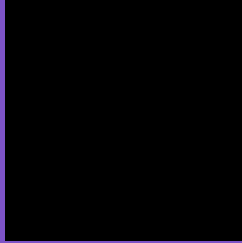
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D53C7 Background



This preview shows how black text looks on a background with the Hex color 7D53C7.

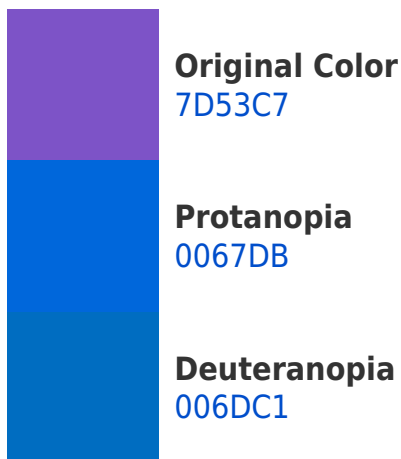


This preview shows how white text looks on a background with the Hex color 7D53C7.

# 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](#).

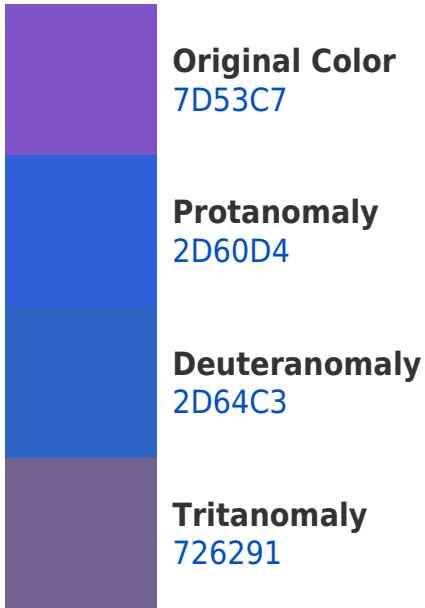
## Dichromacy





**Tritanopia**  
6B6A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D53C7 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 #7D53C7 looks like.

```
.text, #text, p{  
    color:#7D53C7  
}
```

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 #7D53C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D53C7
}
```

## Border

The CSS property to change the border of an element to Hex 7D53C7 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
#7D53C7 }
```

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

```
.border{ border-color:#7D53C7 }
```

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

Here you see how a box with a 4 pixel #7D53C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D53C7; -webkit-box-shadow:4px 4px  
4px 4px #7D53C7; box-shadow:4px 4px 4px  
4px #7D53C7 }
```

# Background

The CSS property to change the background color of an element to Hex 7D53C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D53C7 }
```

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

```
.background{ background-color:#7D53C7 }
```

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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