

# Converting Colors

Hex(7954C6)

Have a look what the booklet for  
Hex(7954C6) contains.

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# Color

**Hex(7954C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7954C6
RGB	121, 84, 198
RGB Percent	47%, 33%, 78%
CMY	0.5255, 0.6706, 0.2235
CMYK	0.39, 0.58, 0.00, 0.22
HSL	259°, 50%, 55%
HSV	259°, 58%, 78%
XYZ	21.2485, 14.4828, 55.1016
YIQ	108.0590, -14.5420, 43.2980

# Conversions

## Conversions Part 2

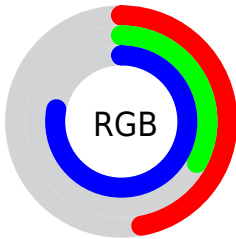
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 84, 198
Decimal	7951558
CIE <sub>Lab</sub>	44.92, 40.88, -54.35
CIE <sub>LCh</sub>	45, 68.009, 306.952
Yxy	14.4828, 0.2339, 0.1594
Android (android.graphics.Color)	4286141638 (0xFF7954C6)
YUV	108.0590, 44.3409, 11.3493
Hunter-Lab	38.0563, 33.0660, -59.2065

# Details

The Hex color **7954C6** 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 **A1C654**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B187FF**, and **41248F** is the 20% darker color. If you saturate the color by 10%, you get **6C40C6**, and if you desaturate by 10%, it is **8668C6**.

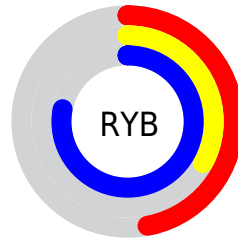
# Distribution



Red (47%)

Green (33%)

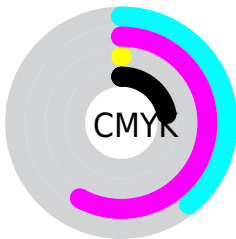
Blue (78%)



Red (47%)

Yellow (33%)

Blue (78%)

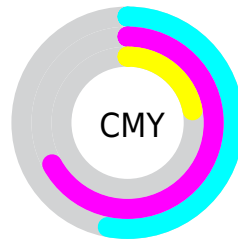


Cyan (39%)

Magenta (58%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (67%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7954C6 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 7954C6 by changing the saturation by 10% instead.



 7954C6

 7954C6

FFFFFF

 5D3CAA

 B187FF

 41248F

 CEA2FF

 220C75

 ECBDFF

 00005C

 FFD9FF

 000043

 FFF6FF

 00032C

 000116

 000000

 7954C6

 7954C6

6C40C6

8668C6

5E2CC6

947CC6

5119C6

A18FC6

4405C6

AEA3C6

4000C6

BCB7C6

C9CBC6

D7DFC6

E4F2C6

F1FFC6

# Harmonies

## Analogous

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



006DDC



7954C6



B63198

# Triad

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



7954C6



A35600



008376

# Complementary

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



7954C6



A1C654

# 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.



00803B



7954C6



756C00

# Square

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



7954C6



C33729



367900



0082AE

# Rectangle

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



7954C6



C81E73



367900



008263



# Sweetspot

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



7954C6



E2D4FF



54A2C6



6E6680



000000



808080



# Same Dimension

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



7954C6



884FFF



B154C6



5D5A63



3500A3



0C0024



# Inverse Universe

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



C654A1



FF4FC6



69C654



635A60



A3006E

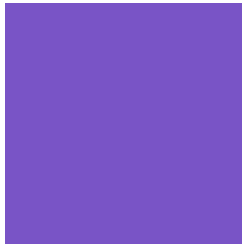


240018



# Previews

## White Background



This preview shows how the Hex color 7954C6 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 7954C6 Background



This preview shows how black text looks on a background with the Hex color 7954C6.

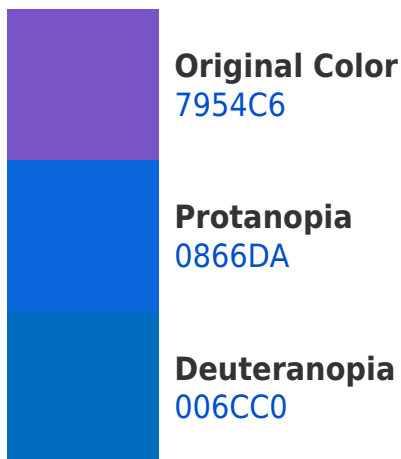


This preview shows how white text looks on a background with the Hex color 7954C6.

# 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](#).

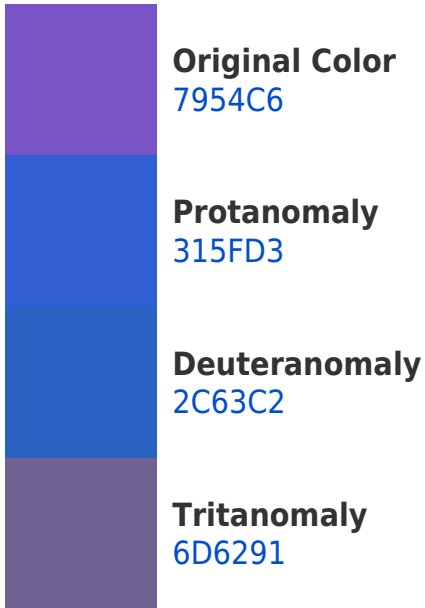
## Dichromacy



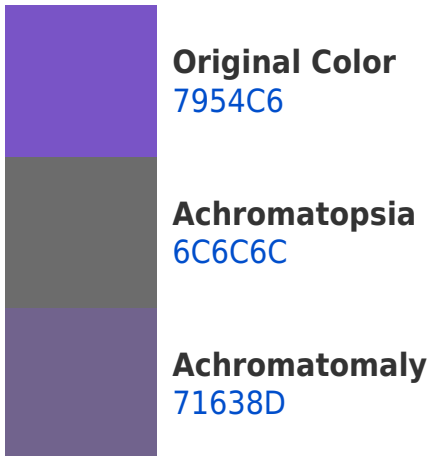


**Tritanopia**  
666A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7954C6 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 #7954C6 looks like.

```
.text, #text, p{  
    color:#7954C6  
}
```

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 #7954C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7954C6
}
```

## Border

The CSS property to change the border of an element to Hex 7954C6 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".

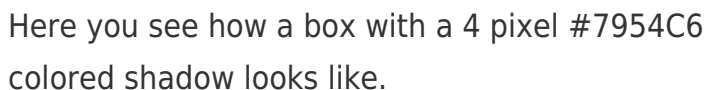
```
.border, #border, table{ border:4px solid
#7954C6 }
```

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

```
.border{ border-color:#7954C6 }
```

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

Here you see how a box with a 4 pixel #7954C6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7954C6; -webkit-box-shadow:4px 4px  
4px 4px #7954C6; box-shadow:4px 4px 4px  
4px #7954C6 }
```

# Background

The CSS property to change the background color of an element to Hex 7954C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7954C6 }
```

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

```
.background{ background-color:#7954C6 }
```

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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