

# Converting Colors

Hex(7C5EA4)

Have a look what the booklet for  
Hex(7C5EA4) contains.

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# Color

Hex(7C5EA4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C5EA4
RGB	124, 94, 164
RGB Percent	49%, 37%, 64%
CMY	0.5137, 0.6314, 0.3569
CMYK	0.24, 0.43, 0.00, 0.36
HSL	266°, 28%, 51%
HSV	266°, 43%, 64%
XYZ	19.0157, 14.9708, 37.0094
YIQ	110.9500, -4.5900, 28.1300

# Conversions

## Conversions Part 2

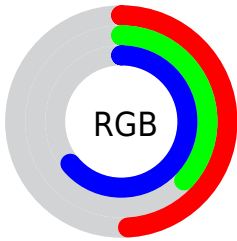
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 94, 164
Decimal	8150692
CIELab	45.59, 26.94, -33.38
CIELCh	46, 42.896, 308.908
Yxy	14.9708, 0.2678, 0.2109
Android (android.graphics.Color)	4286340772 (0xFF7C5EA4)
YUV	110.9500, 26.1537, 11.4449
Hunter-Lab	38.6922, 20.0147, -29.6269

# Details

The Hex color **7C5EA4** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **86A45E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B291DB**, and **492F70** is the 20% darker color. If you saturate the color by 10%, you get **734EA4**, and if you desaturate by 10%, it is **856EA4**.

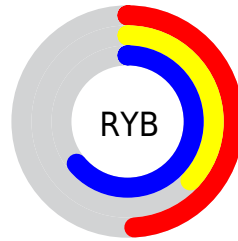
# Distribution



Red (49%)

Green (37%)

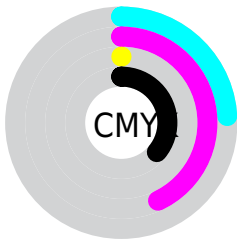
Blue (64%)



Red (49%)

Yellow (37%)

Blue (64%)

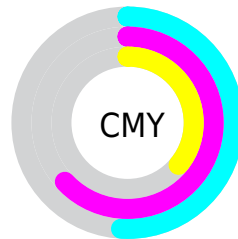


Cyan (24%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (63%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C5EA4 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 7C5EA4 by changing the saturation by 10% instead.



■ 7C5EA4

■ 7C5EA4

FFFFFF

■ 624689

■ B291DB

■ 492F70

■ CEACF8

■ 301957

■ EBC7FF

■ 18033F

■ FFE3FF

■ 000029

■ 000113

■ 000000

■ 7C5EA4

■ 7C5EA4

■ 734EA4

■ 856EA4

693DA4

8F7FA4

602DA4

988FA4

571CA4

A1A0A4

4D0CA4

ABB0A4

4600A4

B4C0A4

BED1A4

C7E1A4

D0F2A4

# Harmonies

## Analogous

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



3B6CB3



7C5EA4



A05087

# Triad

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



7C5EA4



946127



007E76

# Complementary

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



7C5EA4



86A45E

# 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.



057C51



7C5EA4



766E20

# Square

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



7C5EA4



A85341



4F7731



007C98

# Rectangle

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



7C5EA4



AB4C6F



4F7731



007D69



# Sweetspot

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



7C5EA4



C6BAD6



5E87A4



615A6B



EBEBEB



6B6B6B



# Same Dimension

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



7C5EA4



9869D6



9E5EA4



4D4952



3E0091



080012



# Inverse Universe

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



A45E86



D669A7



64A45E



52494E



910053

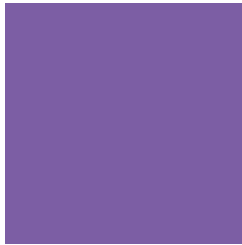


12000A



# Previews

## White Background



This preview shows how the Hex color 7C5EA4 looks on a white background.

## Color Contrast Check

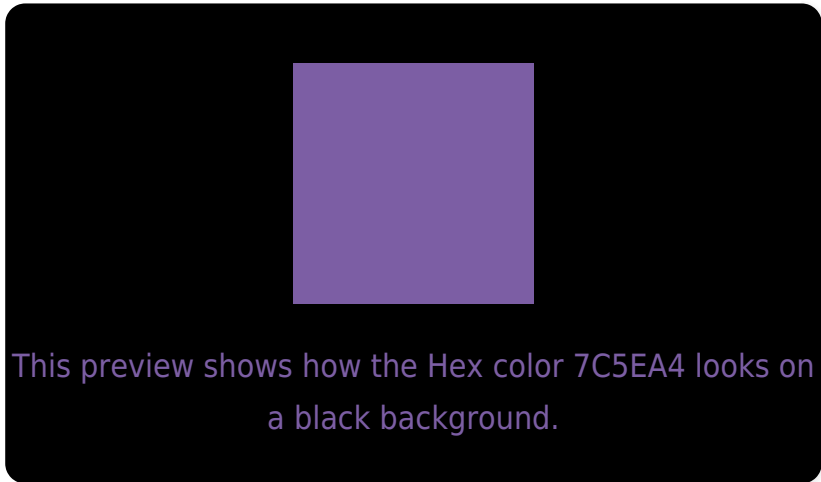
Large Text (above 18pt) WCAG AA ✓ Pass

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

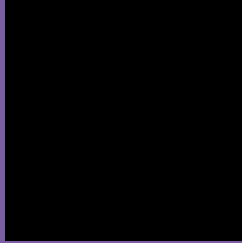
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C5EA4 Background



This preview shows how black text looks on a background with the Hex color 7C5EA4.

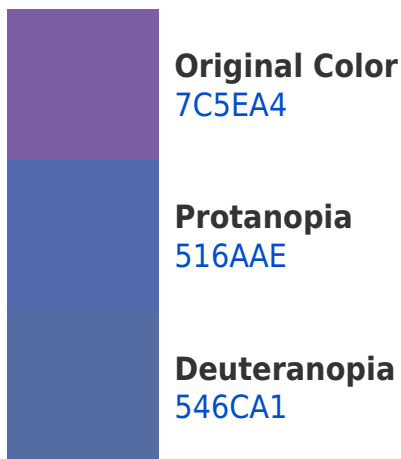


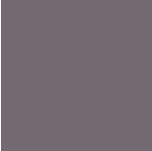
This preview shows how white text looks on a background with the Hex color 7C5EA4.

# 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**  
736971

# Trichromacy



**Original Color**  
7C5EA4

**Protanomaly**  
6166AA

**Deuteranomaly**  
6367A2

**Tritanomaly**  
766584

# Monochromacy



**Original Color**  
7C5EA4

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
746982

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C5EA4 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 #7C5EA4 looks like.

```
.text, #text, p{  
    color:#7C5EA4  
}
```

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 #7C5EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C5EA4
}
```

## Border

The CSS property to change the border of an element to Hex 7C5EA4 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
#7C5EA4 }
```

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

```
.border{ border-color:#7C5EA4 }
```

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

Here you see how a box with a 4 pixel #7C5EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C5EA4; -webkit-box-shadow:4px 4px  
4px 4px #7C5EA4; box-shadow:4px 4px 4px  
4px #7C5EA4 }
```

# Background

The CSS property to change the background color of an element to Hex 7C5EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C5EA4 }
```

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

```
.background{ background-color:#7C5EA4 }
```

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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