

# Converting Colors

Hex(7A76C4)

Have a look what the booklet for  
Hex(7A76C4) contains.

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# Color

Hex(7A76C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A76C4
RGB	122, 118, 196
RGB Percent	48%, 46%, 77%
CMY	0.5216, 0.5373, 0.2314
CMYK	0.38, 0.40, 0.00, 0.23
HSL	243°, 40%, 62%
HSV	243°, 40%, 77%
XYZ	24.4683, 21.0800, 55.0038
YIQ	128.0880, -22.6540, 25.1060

# Conversions

## Conversions Part 2

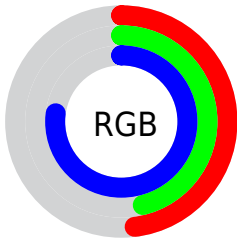
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 118, 196
Decimal	8025796
CIE <sub>Lab</sub>	53.04, 20.50, -40.26
CIE <sub>LCh</sub>	53, 45.174, 296.986
Yxy	21.0800, 0.2433, 0.2096
Android (android.graphics.Color)	4286215876 (0xFF7A76C4)
YUV	128.0880, 33.4806, -5.3392
Hunter-Lab	45.9129, 14.7800, -38.8905

# Details

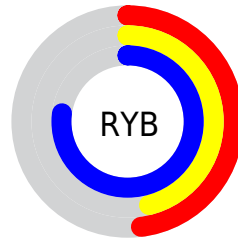
The Hex color **7A76C4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C0C476**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B1AAFD**, and **45468E** is the 20% darker color. If you saturate the color by 10%, you get **6762C4**, and if you desaturate by 10%, it is **8D8AC4**.

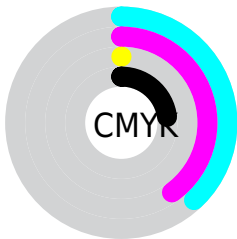
# Distribution



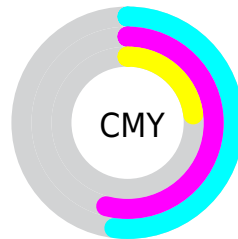
- Red (48%)
- Green (46%)
- Blue (77%)



- Red (48%)
- Yellow (46%)
- Blue (77%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (52%)
- Magenta (54%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A76C4 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 7A76C4 by changing the saturation by 10% instead.



■ 7A76C4

■ 7A76C4

FFFFFF

■ 5F5DA9

■ B1AAFD

■ 45468E

■ CDC5FF

■ 2A2F74

■ EAE1FF

■ 071B5B

FFFEFF

■ 000243

■ 00032C

■ 000116

■ 000000

■ 7A76C4

■ 7A76C4

6762C4

8D8AC4

554FC4

9F9DC4

423BC4

B2B1C4

3028C4

C4C4C4

1D14C4

D7D8C4

0A00C4

EAECC4

FCFFC4

FFFFC4

# Harmonies

## Analogous

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



1984CC



7A76C4



AB66A9

# Triad

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



7A76C4



B56D3E



009279

# Complementary

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



7A76C4



C0C476

# 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.



3F8E53



7A76C4



987B2D

# Square

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



7A76C4



C5605E



728736



0091A1

# Rectangle

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



7A76C4



BD5F91



728736



00916C



# Sweetspot

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



7A76C4



E2E0FF



76C0C4



6F6E80



000000



808080



# Same Dimension

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



7A76C4



8B85FF



A176C4



585761



0800A1



020021



# Inverse Universe

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



C476C0



FF85F9



99C476



615760



A10098

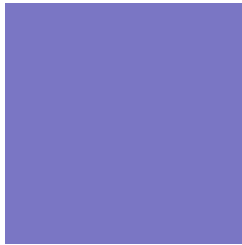


21001F



# Previews

## White Background



This preview shows how the Hex color 7A76C4 looks on a white background.

## Color Contrast Check

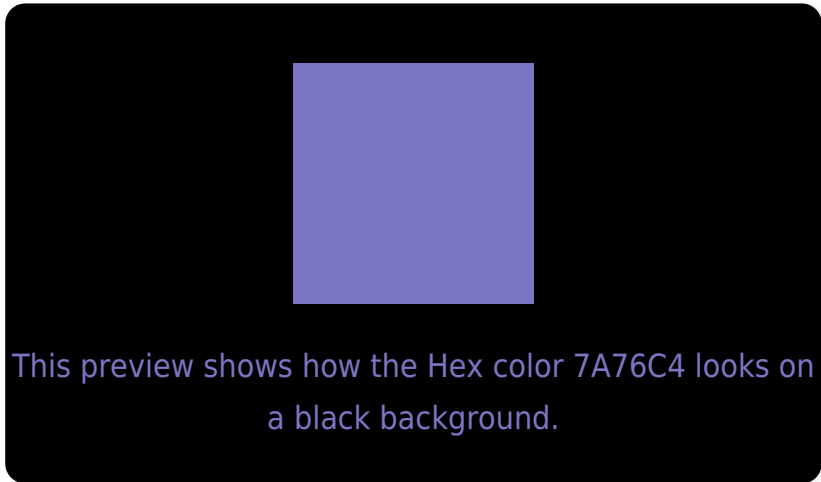
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Hex 7A76C4 Background



This preview shows how black text looks on a background with the Hex color 7A76C4.



This preview shows how white text looks on a background with the Hex color 7A76C4.

# 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



**Original Color**  
7A76C4

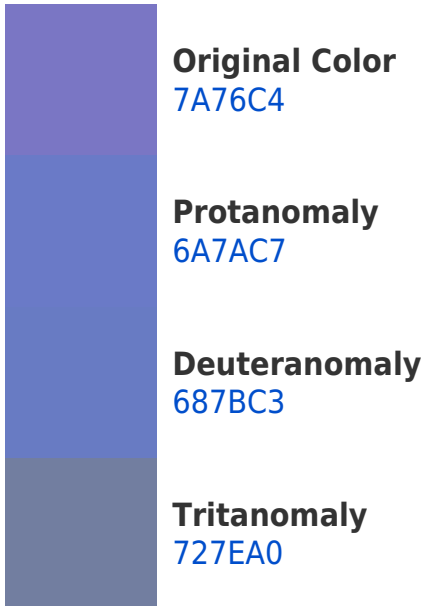
**Protanopia**  
617CC9

**Deuteranopia**  
5D7EC2

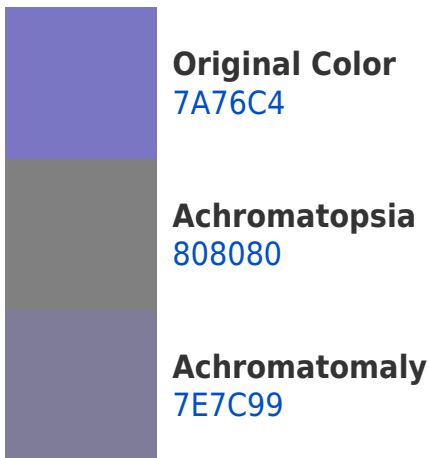


**Tritanopia**  
6D828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A76C4 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 #7A76C4 looks like.

```
.text, #text, p{  
    color:#7A76C4  
}
```

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 #7A76C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A76C4
}
```

## Border

The CSS property to change the border of an element to Hex 7A76C4 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
#7A76C4 }
```

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

```
.border{ border-color:#7A76C4 }
```

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

Here you see how a box with a 4 pixel #7A76C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A76C4; -webkit-box-shadow:4px 4px  
4px 4px #7A76C4; box-shadow:4px 4px 4px  
4px #7A76C4 }
```

# Background

The CSS property to change the background color of an element to Hex 7A76C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A76C4 }
```

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

```
.background{ background-color:#7A76C4 }
```

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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