

# Converting Colors

Hex(7E64C4)

Have a look what the booklet for  
Hex(7E64C4) contains.

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# Color

**Hex(7E64C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E64C4
RGB	126, 100, 196
RGB Percent	49%, 39%, 77%
CMY	0.5059, 0.6078, 0.2314
CMYK	0.36, 0.49, 0.00, 0.23
HSL	256°, 45%, 58%
HSV	256°, 49%, 77%
XYZ	23.1252, 17.5355, 54.3904
YIQ	118.7180, -15.3200, 35.3680

# Conversions

## Conversions Part 2

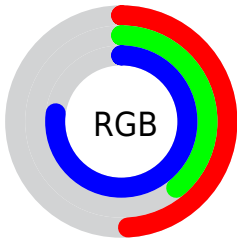
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 100, 196</a>
Decimal	<a href="#">8283332</a>
CIELab	<a href="#">48.93, 32.28, -46.75</a>
CIELCh	<a href="#">49, 56.809, 304.627</a>
Yxy	<a href="#">17.5355, 0.2433, 0.1845</a>
Android (android.graphics.Color)	<a href="#">4286473412 (0xFF7E64C4)</a>
YUV	<a href="#">118.7180, 38.1000, 6.3863</a>
Hunter-Lab	<a href="#">41.8754, 25.2925, -47.6968</a>

# Details

The Hex color **7E64C4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **AAC464**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B697FD**, and **48348E** is the 20% darker color. If you saturate the color by 10%, you get **7050C4**, and if you desaturate by 10%, it is **8C78C4**.

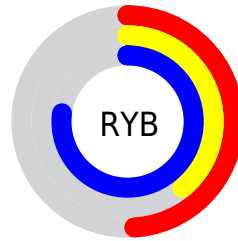
# Distribution



Red (49%)

Green (39%)

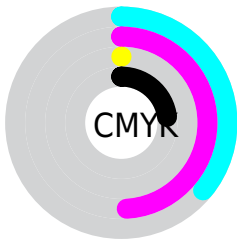
Blue (77%)



Red (49%)

Yellow (39%)

Blue (77%)

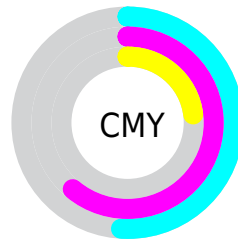


Cyan (36%)

Magenta (49%)

Yellow (0%)

Black (23%)



Cyan (51%)

Magenta (61%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E64C4 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 7E64C4 by changing the saturation by 10% instead.



■ 7E64C4

■ 7E64C4

FFFFFF

■ 634CA8

■ B697FD

■ 48348E

■ D2B2FF

■ 2C1E74

■ EFCEFF

■ 0A095A

■ FFEAFF

■ 000042

■ 00032B

■ 000115

■ 000000

■ 7E64C4

■ 7E64C4

7050C4

8C78C4

613DC4

9B8BC4

5329C4

A99FC4

4516C4

B7B2C4

3702C4

C5C6C4

3500C4

D4DAC4

E2EDC4

F0FFC4

FFFFC4

# Harmonies

## Analogous

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



0078D5



7E64C4



B44E9E

# Triad

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



7E64C4



AB6216



008A7B

# Complementary

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



7E64C4



AAC464

# 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.



008849



7E64C4



857400

# Square

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



7E64C4



C44D40



53811A



008AAA

# Rectangle

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



7E64C4



C5447F



53811A



008A6A



# Sweetspot

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



7E64C4



E3D9FF



64AAC4



6F6980



000000



808080



# Same Dimension

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



7E64C4



9169FF



AE64C4



5A5761



2C00A1



090021



# Inverse Universe

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



C464AA



FF69D6



7AC464



61575E



A10075

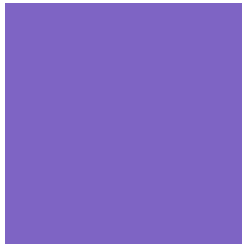


210018



# Previews

## White Background



This preview shows how the Hex color 7E64C4 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 ✓ Pass

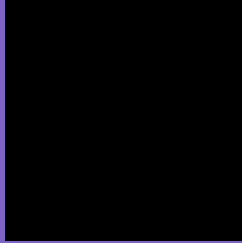
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E64C4 Background



This preview shows how black text looks on a background with the Hex color 7E64C4.

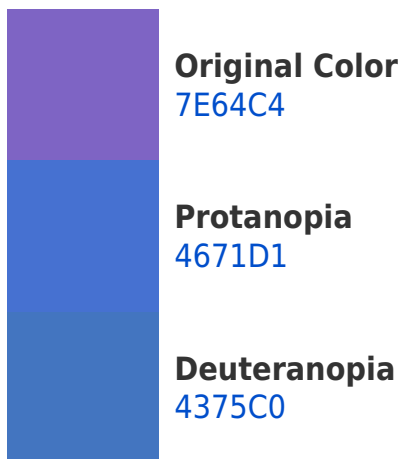


This preview shows how white text looks on a background with the Hex color 7E64C4.

# 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**  
6F757E

# Trichromacy



**Original Color**  
7E64C4

**Protanomaly**  
5A6CCC

**Deuteranomaly**  
586FC1

**Tritanomaly**  
746F97

# Monochromacy



**Original Color**  
7E64C4

**Achromatopsia**  
777777

**Achromatomaly**  
7A7093

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E64C4 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 #7E64C4 looks like.

```
.text, #text, p{  
    color:#7E64C4  
}
```

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 #7E64C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E64C4
}
```

## Border

The CSS property to change the border of an element to Hex 7E64C4 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
#7E64C4 }
```

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

```
.border{ border-color:#7E64C4 }
```

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

Here you see how a box with a 4 pixel #7E64C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E64C4; -webkit-box-shadow:4px 4px  
4px 4px #7E64C4; box-shadow:4px 4px 4px  
4px #7E64C4 }
```

# Background

The CSS property to change the background color of an element to Hex 7E64C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E64C4 }
```

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

```
.background{ background-color:#7E64C4 }
```

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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