

# Converting Colors

Hex(7D7496)

Have a look what the booklet for  
Hex(7D7496) contains.

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# Color

**Hex(7D7496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D7496
RGB	125, 116, 150
RGB Percent	49%, 45%, 59%
CMY	0.5098, 0.5451, 0.4118
CMYK	0.17, 0.23, 0.00, 0.41
HSL	256°, 14%, 52%
HSV	256°, 23%, 59%
XYZ	20.2079, 19.0528, 31.4666
YIQ	122.5670, -5.5500, 12.4820

# Conversions

## Conversions Part 2

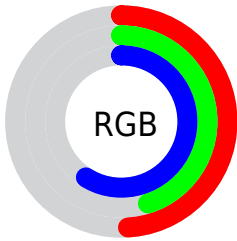
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 116, 150
Decimal	8221846
CIE <sub>Lab</sub>	50.75, 10.71, -17.14
CIE <sub>LCh</sub>	51, 20.216, 301.995
Yxy	19.0528, 0.2857, 0.2694
Android (android.graphics.Color)	4286411926 (0xFF7D7496)
YUV	122.5670, 13.5245, 2.1337
Hunter-Lab	43.6495, 6.2514, -12.1872

# Details

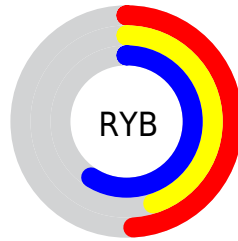
The Hex color **7D7496** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D9674**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B2A8CC**, and **4C4463** is the 20% darker color. If you saturate the color by 10%, you get **726596**, and if you desaturate by 10%, it is **888396**.

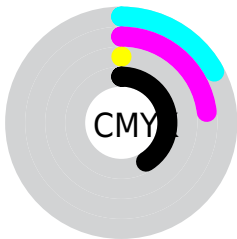
# Distribution



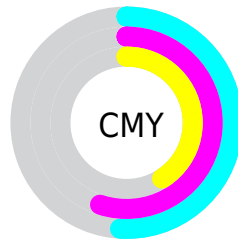
- Red (49%)
- Green (45%)
- Blue (59%)



- Red (49%)
- Yellow (45%)
- Blue (59%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (55%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D7496 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 7D7496 by changing the saturation by 10% instead.



■ 7D7496

■ 7D7496

FFFFFF

■ 645B7C

■ B2A8CC

■ 4C4463

■ CEC3E8

■ 342E4B

■ EADFFF

■ 1E1934

■ FFFCFF

■ 0A001F

■ 000003

■ 000000

■ 7D7496

■ 7D7496

■ 726596

■ 888396

675696

939296

5C4796

9EA196

513896

A9B096

462996

B4BF96

3B1A96

BFCE96

300B96

CADD96

280096

D5EC96

E0FB96

# Harmonies

## Analogous

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



657A9B



7D7496



906F89

# Triad

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



7D7496



93725B



4D8379

# Complementary

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



7D7496



8D9674

# 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.



5E8168



7D7496



847856

# Square

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



7D7496



9B6E67



727D5B



45828A

# Rectangle

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



7D7496



986D7E



727D5B



528273



# Sweetspot

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



7D7496



B8B4C2



748E96



5B5961



E0E0E0



616161



# Same Dimension

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



7D7496



9B8DC2



8E7496



45434A



24008A



03000A



# Inverse Universe

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



96748D



C28DB4



7D9674



4A4348



8A0065



0A0008



# Previews

## White Background



This preview shows how the Hex color 7D7496 looks on a white background.

## Color Contrast Check

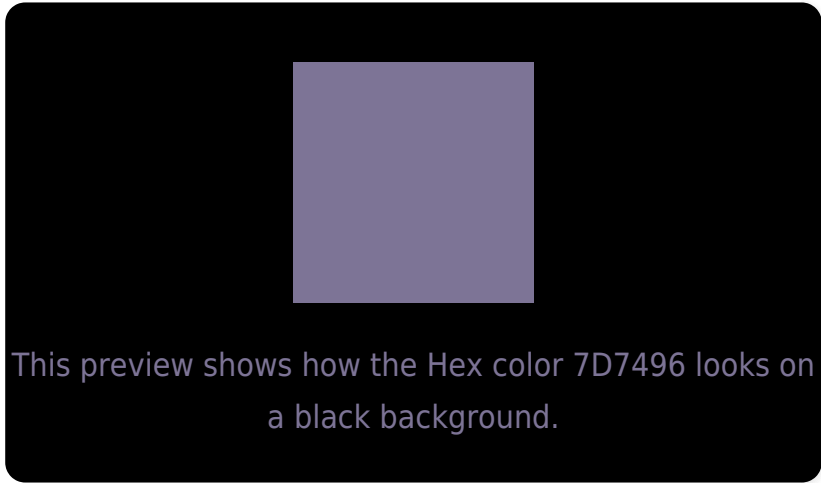
Large Text (above 18pt) WCAG AA ✓ Pass

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

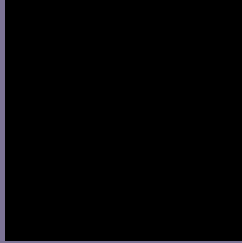
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7D7496 Background



This preview shows how black text looks on a background with the Hex color 7D7496.



This preview shows how white text looks on a background with the Hex color 7D7496.

# 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**  
7D7496

**Protanopia**  
717899

**Deuteranopia**  
767696



**Tritanopia**  
797881

# Trichromacy



**Original Color**  
7D7496

**Protanomaly**  
757798

**Deuteranomaly**  
797596

**Tritanomaly**  
7A7789

# Monochromacy



**Original Color**  
7D7496

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7C7885

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D7496 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 #7D7496 looks like.

```
.text, #text, p{  
    color:#7D7496  
}
```

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 #7D7496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7496
}
```

## Border

The CSS property to change the border of an element to Hex 7D7496 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
#7D7496 }
```

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

```
.border{ border-color:#7D7496 }
```

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

Here you see how a box with a 4 pixel #7D7496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7496; -webkit-box-shadow:4px 4px  
4px 4px #7D7496; box-shadow:4px 4px 4px  
4px #7D7496 }
```

# Background

The CSS property to change the background color of an element to Hex 7D7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7496 }
```

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

```
.background{ background-color:#7D7496 }
```

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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