

# Converting Colors

Hex(7D6AA5)

Have a look what the booklet for  
Hex(7D6AA5) contains.

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# Color

**Hex(7D6AA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D6AA5
RGB	125, 106, 165
RGB Percent	49%, 42%, 65%
CMY	0.5098, 0.5843, 0.3529
CMYK	0.24, 0.36, 0.00, 0.35
HSL	259°, 25%, 53%
HSV	259°, 36%, 65%
XYZ	20.4030, 17.3847, 37.8775
YIQ	118.4070, -7.6150, 22.3770

# Conversions

## Conversions Part 2

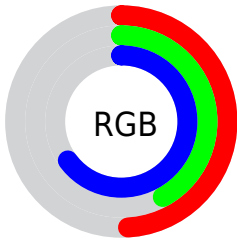
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 106, 165
Decimal	8219301
CIE <sub>Lab</sub>	48.74, 20.32, -29.04
CIE <sub>LCh</sub>	49, 35.443, 304.988
Yxy	17.3847, 0.2696, 0.2298
Android (android.graphics.Color)	4286409381 (0xFF7D6AA5)
YUV	118.4070, 22.9703, 5.7821
Hunter-Lab	41.6949, 14.3812, -24.6753

# Details

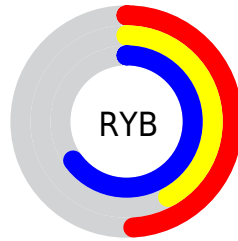
The Hex color **7D6AA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **92A56A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B39DDC**, and **4A3B71** is the 20% darker color. If you saturate the color by 10%, you get **725AA5**, and if you desaturate by 10%, it is **887AA5**.

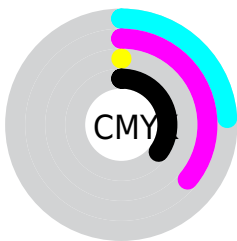
# Distribution



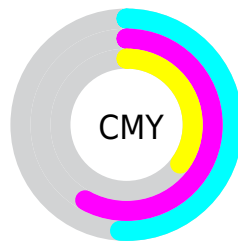
- Red (49%)
- Green (42%)
- Blue (65%)



- Red (49%)
- Yellow (42%)
- Blue (65%)



- Cyan (24%)
- Magenta (36%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (58%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D6AA5 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 7D6AA5 by changing the saturation by 10% instead.



■ 7D6AA5

■ 7D6AA5

FFFFFF

■ 63528A

■ B39DDC

■ 4A3B71

■ CFB8F9

■ 322558

■ EBD4FF

■ 1A1040

■ FFF1FF

■ 03002A

■ 000114

■ 000000

■ 7D6AA5

■ 7D6AA5

■ 725AA5

■ 887AA5

6749A5

938BA5

5B39A5

9F9BA5

5028A5

AAACA5

4518A5

B5BCA5

3A07A5

C0CDA5

3500A5

CBDDA5

D6EEA5

E2FEA5

# Harmonies

## Analogous

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



4B75AF



7D6AA5



9D5F8E

# Triad

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



7D6AA5



9A693E



008378

# Complementary

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



7D6AA5



92A56A

# 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.



3A8159



7D6AA5



817436

# Square

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



7D6AA5



AA5F53



627C41



008295

# Rectangle

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



7D6AA5



A95B7A



627C41



09836E



# Sweetspot

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



7D6AA5



C6BFD6



6A92A5



625D6B



EBEBEB



6B6B6B



# Same Dimension

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



7D6AA5



987AD6



9A6AA5



4C4952



2F0091



060012



# Inverse Universe

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



A56A92



D67AB9



75A56A



52494F



910063

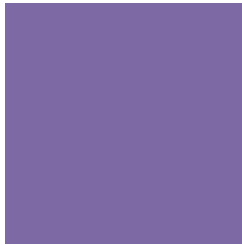


12000C



# Previews

## White Background



This preview shows how the Hex color 7D6AA5 looks on a white background.

## Color Contrast Check

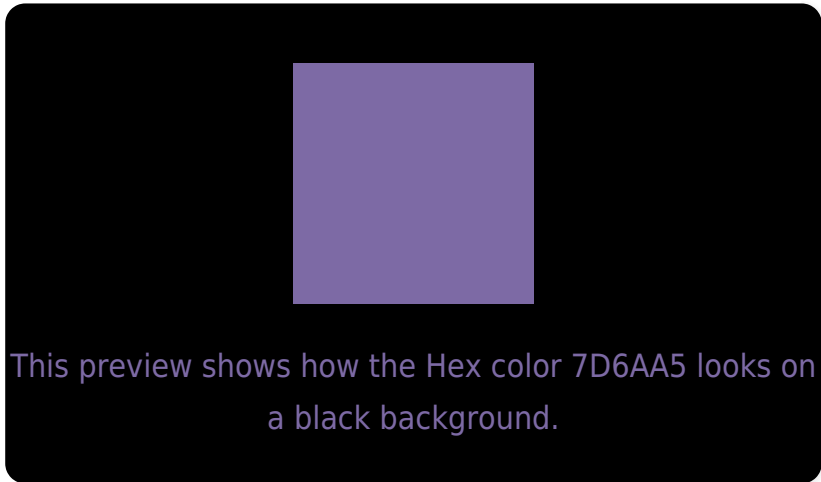
Large Text (above 18pt) WCAG AA ✓ Pass

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

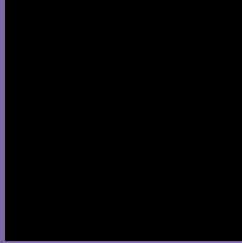
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D6AA5 Background



This preview shows how black text looks on a background with the Hex color 7D6AA5.

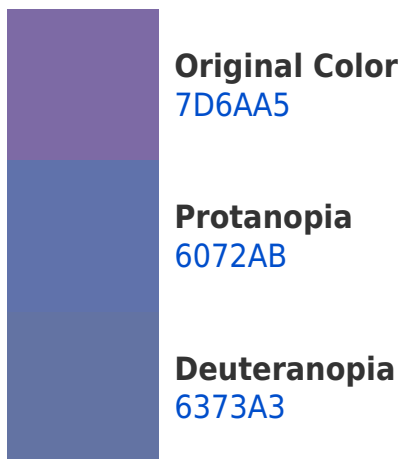


This preview shows how white text looks on a background with the Hex color 7D6AA5.

# 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**  
75727C

# Trichromacy



**Original Color**  
7D6AA5

**Protanomaly**  
6B6FA9

**Deuteranomaly**  
6C70A4

**Tritanomaly**  
786F8B

# Monochromacy



**Original Color**  
7D6AA5

**Achromatopsia**  
767676

**Achromatomaly**  
797287

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D6AA5 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 #7D6AA5 looks like.

```
.text, #text, p{  
    color:#7D6AA5  
}
```

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 #7D6AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D6AA5  
}
```

## Border

The CSS property to change the border of an element to Hex 7D6AA5 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  
#7D6AA5 }
```

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

```
.border{ border-color:#7D6AA5 }
```

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

Here you see how a box with a 4 pixel #7D6AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D6AA5; -webkit-box-shadow:4px 4px  
4px 4px #7D6AA5; box-shadow:4px 4px 4px  
4px #7D6AA5 }
```

# Background

The CSS property to change the background color of an element to Hex 7D6AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D6AA5 }
```

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

```
.background{ background-color:#7D6AA5 }
```

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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