

# Converting Colors

Hex(7A5AA5)

Have a look what the booklet for  
Hex(7A5AA5) contains.

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# Color

**Hex(7A5AA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A5AA5
RGB	122, 90, 165
RGB Percent	48%, 35%, 65%
CMY	0.5216, 0.6471, 0.3529
CMYK	0.26, 0.45, 0.00, 0.35
HSL	266°, 29%, 50%
HSV	266°, 45%, 65%
XYZ	18.4737, 14.1665, 37.3580
YIQ	108.1180, -5.0030, 30.1090

# Conversions

## Conversions Part 2

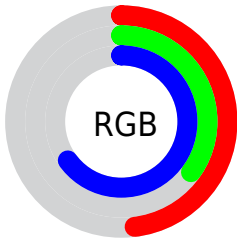
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 90, 165
Decimal	8018597
CIE <sub>Lab</sub>	44.47, 28.98, -35.75
CIE <sub>LCh</sub>	44, 46.023, 309.025
Yxy	14.1665, 0.2639, 0.2024
Android (android.graphics.Color)	4286208677 (0xFF7A5AA5)
YUV	108.1180, 28.0428, 12.1745
Hunter-Lab	37.6384, 21.7443, -32.5014

# Details

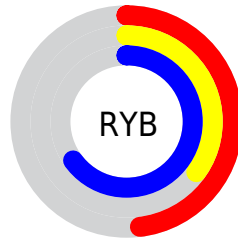
The Hex color **7A5AA5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **85A55A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B08DDC**, and **472B71** is the 20% darker color. If you saturate the color by 10%, you get **714AA5**, and if you desaturate by 10%, it is **836AA5**.

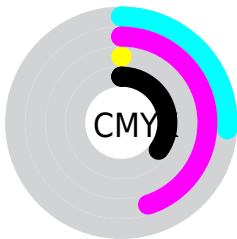
# Distribution



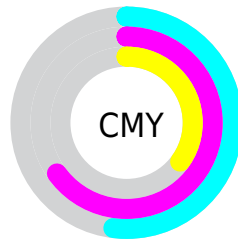
- Red (48%)
- Green (35%)
- Blue (65%)



- Red (48%)
- Yellow (35%)
- Blue (65%)



- Cyan (26%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)



- Cyan (52%)
- Magenta (65%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A5AA5 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 7A5AA5 by changing the saturation by 10% instead.



7A5AA5

7A5AA5

FFFFFF

60428A

B08DDC

472B71

CCA7F9

2E1558

E9C3FF

150040

FFDFFF

000029

FFFBFF

000113

000000

7A5AA5

7A5AA5

714AA5

836AA5

6739A5

8D7BA5

5E29A5

968BA5

5418A5

A09CA5

4B07A5

A9ACA5

4600A5

B3BDA5

BCCEA5

C6DEA5

CFEEA5

# Harmonies

## Analogous

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



2F6AB5



7A5AA5



A04B85

# Triad

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



7A5AA5



935D1E



007C74

# Complementary

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



7A5AA5



85A55A

# 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.



007A4C



7A5AA5



726B15

# Square

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



7A5AA5



A94E3B



497429



007A98

# Rectangle

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



7A5AA5



AC456C



497429



007B67



# Sweetspot

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



7A5AA5



C5B8D6



5A86A5



61596B



EBEBEB



6B6B6B



# Same Dimension

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



7A5AA5



9360D6



9F5AA5



4D4952



3E0091



080012



# Inverse Universe

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



A55A85



D660A4



60A55A



52494E



910053

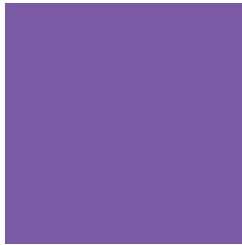


12000A



# Previews

## White Background



This preview shows how the Hex color 7A5AA5 looks on a white background.

## Color Contrast Check

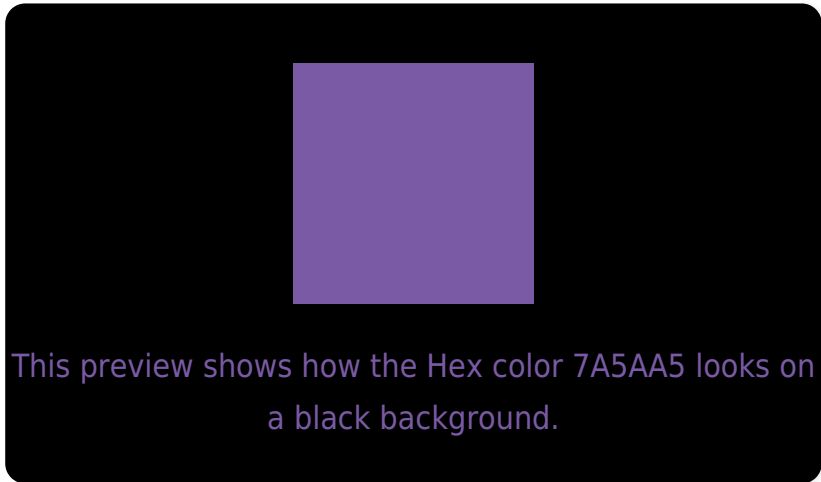
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A5AA5 Background



This preview shows how black text looks on a background with the Hex color 7A5AA5.

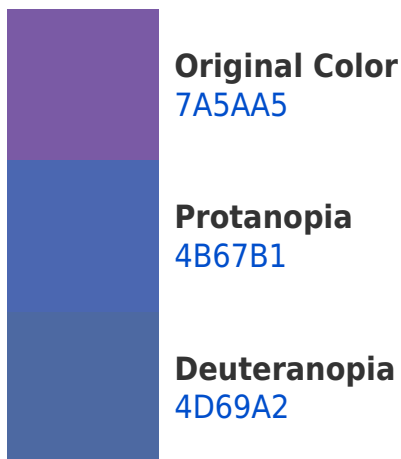


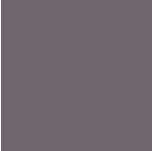
This preview shows how white text looks on a background with the Hex color 7A5AA5.

# 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**  
70666E

# Trichromacy



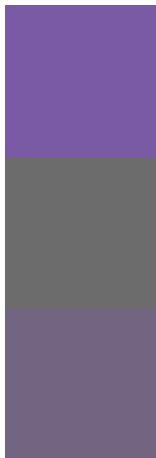
**Original Color**  
7A5AA5

**Protanomaly**  
5C62AD

**Deuteranomaly**  
5D64A3

**Tritanomaly**  
746282

# Monochromacy



**Original Color**  
7A5AA5

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
716581

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A5AA5 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 #7A5AA5 looks like.

```
.text, #text, p{  
    color:#7A5AA5  
}
```

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 #7A5AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A5AA5  
}
```

## Border

The CSS property to change the border of an element to Hex 7A5AA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

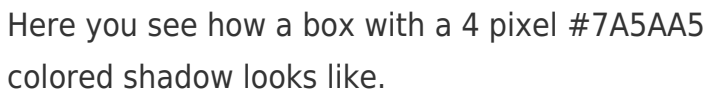
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7A5AA5 }
```

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

```
.border{ border-color:#7A5AA5 }
```

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



Here you see how a box with a 4 pixel #7A5AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A5AA5; -webkit-box-shadow:4px 4px  
4px 4px #7A5AA5; box-shadow:4px 4px 4px  
4px #7A5AA5 }
```

# Background

The CSS property to change the background color of an element to Hex 7A5AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A5AA5 }
```

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

```
.background{ background-color:#7A5AA5 }
```

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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