

Converting Colors

Hex(7B6BA5)

Have a look what the booklet for
Hex(7B6BA5) contains.

Hex(7B6BA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B6BA5)

Conversions

Conversions Part 1

Format	Color
Hex	7B6BA5
RGB	123, 107, 165
RGB Percent	48%, 42%, 65%
CMY	0.5176, 0.5804, 0.3529
CMYK	0.25, 0.35, 0.00, 0.35
HSL	257°, 24%, 53%
HSV	257°, 35%, 65%
XYZ	20.2176, 17.4430, 37.8986
YIQ	118.3960, -9.0820, 21.4300

Conversions

Conversions Part 2

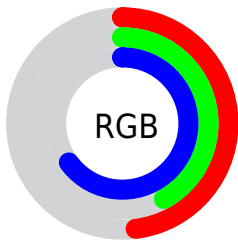
Format	Color
R_{YB}	123, 107, 165
Decimal	8088485
CIE _{Lab}	48.81, 19.10, -28.94
CIE _{LCh}	49, 34.675, 303.428
Yxy	17.4430, 0.2676, 0.2309
Android (android.graphics.Color)	4286278565 (0xFF7B6BA5)
YUV	118.3960, 22.9758, 4.0377
Hunter-Lab	41.7648, 13.3204, -24.5661

Details

The Hex color **7B6BA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95A56B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B19EDC**, and **493C71** is the 20% darker color. If you saturate the color by 10%, you get **6F5AA5**, and if you desaturate by 10%, it is **877BA5**.

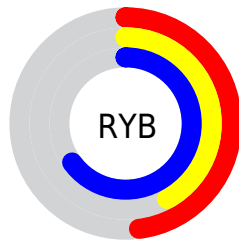
Distribution



Red (48%)

Green (42%)

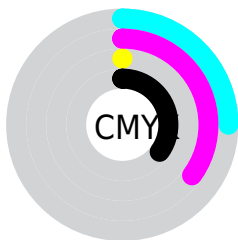
Blue (65%)



Red (48%)

Yellow (42%)

Blue (65%)

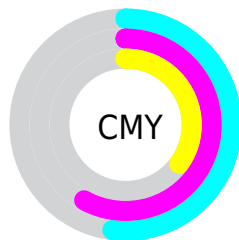


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (52%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6BA5 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 7B6BA5 by changing the saturation by 10% instead.

■ 7B6BA5

■ 7B6BA5

FFFFFF

■ 61538A

■ B19EDC

■ 493C71

■ CCB9F9

■ 302658

■ E9D5FF

■ 181140

■ FFF2FF

■ 00002A

■ 000114

■ 000000

■ 7B6BA5

■ 7B6BA5

■ 6F5AA5

■ 877BA5

634AA5

938CA5

5739A5

9F9CA5

4B29A5

ABADA5

3F18A5

B7BDA5

3308A5

C3CEA5

2E00A5

CFDEA5

DBEFA5

E7FFA5

Harmonies

Analogous

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



4A76AE



7B6BA5



9B618F

Triad

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



7B6BA5



9B6940



008376

Complementary

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



7B6BA5



95A56B

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.



3E8159



7B6BA5



837338

Square

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



7B6BA5



AA6055



647C41



008293

Rectangle

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



7B6BA5



A75D7C



647C41



18836C

Sweetspot

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



7B6BA5



C5BFD6



6B96A5



615D6B



EBEBEB



6B6B6B

Same Dimension

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



7B6BA5



957CD6



976BA5



4C4952



280091



050012

Inverse Universe

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



A56B95



D67CBD



79A56B



52494F



910069



12000D

Previews

White Background



This preview shows how the Hex color 7B6BA5 looks on a white background.

Color Contrast Check

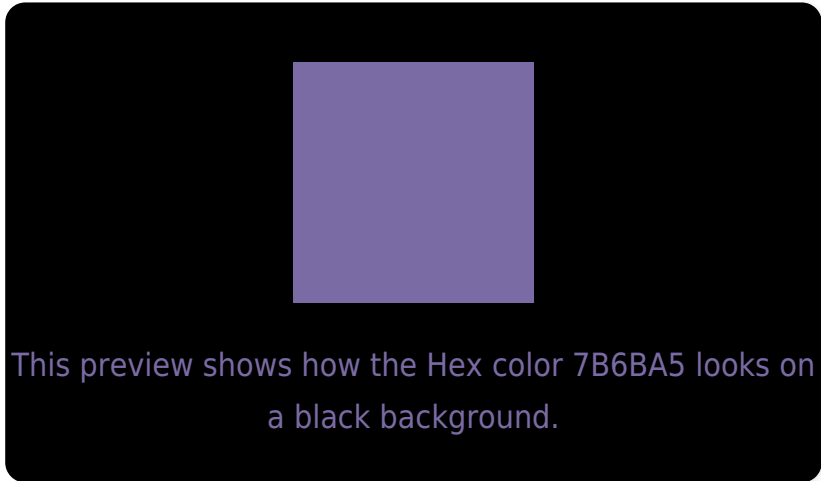
Large Text (above 18pt) WCAG AA ✓ Pass

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

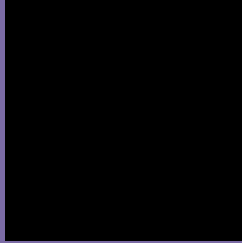
Any Text WCAG AA × Fail

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 7B6BA5 Background



This preview shows how black text looks on a background with the Hex color 7B6BA5.

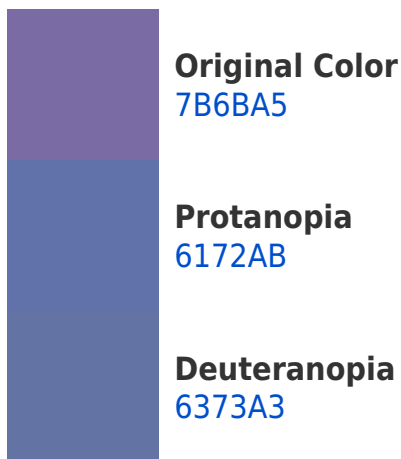



This preview shows how white text looks on a background with the Hex color 7B6BA5.

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](#).

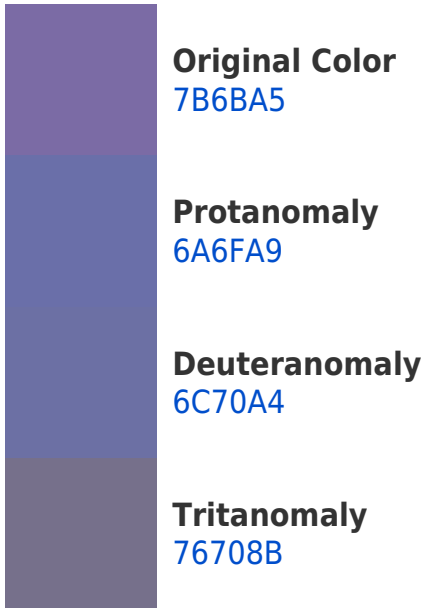
Dichromacy



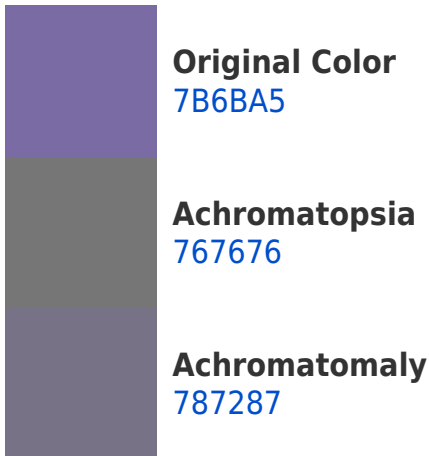


Tritanopia
73737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6BA5 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 #7B6BA5 looks like.

```
.text, #text, p{  
    color:#7B6BA5  
}
```

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 #7B6BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6BA5
}
```

Border

The CSS property to change the border of an element to Hex 7B6BA5 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
#7B6BA5 }
```

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

```
.border{ border-color:#7B6BA5 }
```

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

Here you see how a box with a 4 pixel #7B6BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6BA5; -webkit-box-shadow:4px 4px  
4px 4px #7B6BA5; box-shadow:4px 4px 4px  
4px #7B6BA5 }
```

Background

The CSS property to change the background color of an element to Hex 7B6BA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6BA5 }
```

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

```
.background{ background-color:#7B6BA5 }
```

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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