

Converting Colors

Hex(7C6AA6)

Have a look what the booklet for
Hex(7C6AA6) contains.

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Color

Hex(7C6AA6)

Conversions

Conversions Part 1

Format	Color
Hex	7C6AA6
RGB	124, 106, 166
RGB Percent	49%, 42%, 65%
CMY	0.5137, 0.5843, 0.3490
CMYK	0.25, 0.36, 0.00, 0.35
HSL	258°, 25%, 53%
HSV	258°, 36%, 65%
XYZ	20.3491, 17.3463, 38.3521
YIQ	118.2220, -8.5320, 22.4760

Conversions

Conversions Part 2

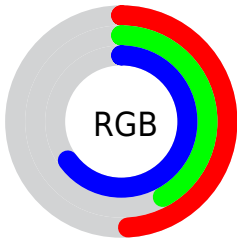
Format	Color
R_{YB}	124, 106, 166
Decimal	8153766
CIE _{Lab}	48.69, 20.26, -29.70
CIE _{LCh}	49, 35.958, 304.302
Yxy	17.3463, 0.2676, 0.2281
Android (android.graphics.Color)	4286343846 (0xFF7C6AA6)
YUV	118.2220, 23.5546, 5.0673
Hunter-Lab	41.6489, 14.3273, -25.4424

Details

The Hex color **7C6AA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **94A66A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B29DDD**, and **493B72** is the 20% darker color. If you saturate the color by 10%, you get **7059A6**, and if you desaturate by 10%, it is **887BA6**.

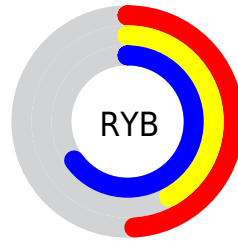
Distribution



Red (49%)

Green (42%)

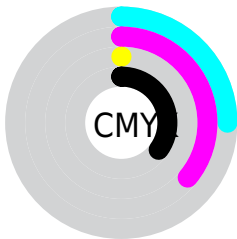
Blue (65%)



Red (49%)

Yellow (42%)

Blue (65%)

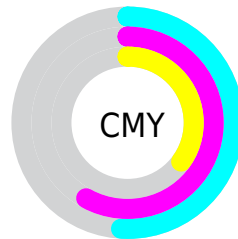


Cyan (25%)

Magenta (36%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C6AA6 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 7C6AA6 by changing the saturation by 10% instead.

■ 7C6AA6

■ 7C6AA6

FFFFFF

■ 62528B

■ B29DDD

■ 493B72

■ CDB8FA

■ 312559

■ EAD4FF

■ 191041

■ FFF0FF

■ 01002B

■ 000115

■ 000000

■ 7C6AA6

■ 7C6AA6

■ 7059A6

■ 887BA6

6549A6

938BA6

5938A6

9F9CA6

4E28A6

AAACA6

4217A6

B6BDA6

3606A6

C2CEA6

3200A6

CDDEA6

D9EFA6

E5FFA6

Harmonies

Analogous

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



4975B0



7C6AA6



9D5F8F

Triad

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



7C6AA6



9B693D



008377

Complementary

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



7C6AA6



94A66A

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.



3A8158



7C6AA6



827335

Square

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



7C6AA6



AB5F53



627C40



008295

Rectangle

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



7C6AA6



A95B7B



627C40



06836D

Sweetspot

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



7C6AA6



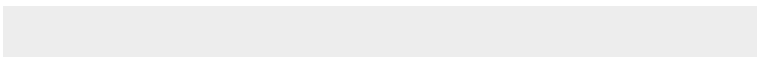
C8C1D9



6A94A6



645F6E



EDEDED



6E6E6E

Same Dimension

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



7C6AA6



987CD9



9A6AA6



4E4C54



2C0094



060014

Inverse Universe

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



A66A94



D97CBD



76A66A



544C52



940068



14000E

Previews

White Background



This preview shows how the Hex color 7C6AA6 looks on a white background.

Color Contrast Check

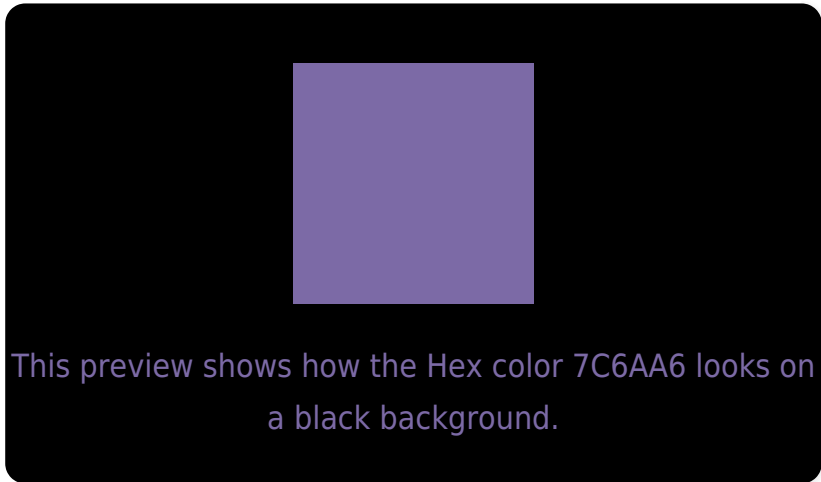
Large Text (above 18pt) WCAG AA ✓ Pass

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

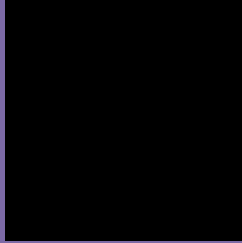
Any Text WCAG AA × Fail

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 7C6AA6 Background



This preview shows how black text looks on a background with the Hex color 7C6AA6.

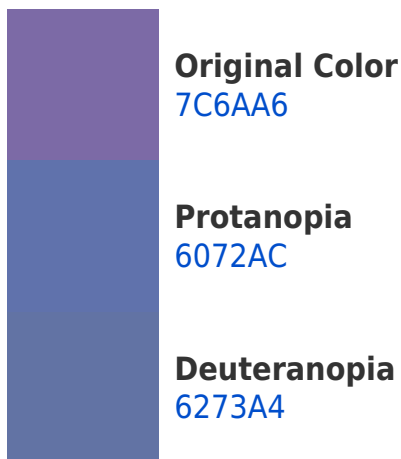



This preview shows how white text looks on a background with the Hex color 7C6AA6.

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
74737C

Trichromacy



Original Color
7C6AA6

Protanomaly
6A6FAA

Deuteranomaly
6B70A5

Tritanomaly
77708B

Monochromacy



Original Color
7C6AA6

Achromatopsia
767676

Achromatomaly
787287

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C6AA6 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 #7C6AA6 looks like.

```
.text, #text, p{  
    color:#7C6AA6  
}
```

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 #7C6AA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6AA6  
}
```

Border

The CSS property to change the border of an element to Hex 7C6AA6 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  
#7C6AA6 }
```

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

```
.border{ border-color:#7C6AA6 }
```

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

Here you see how a box with a 4 pixel #7C6AA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6AA6; -webkit-box-shadow:4px 4px  
4px 4px #7C6AA6; box-shadow:4px 4px 4px  
4px #7C6AA6 }
```

Background

The CSS property to change the background color of an element to Hex 7C6AA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6AA6 }
```

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

```
.background{ background-color:#7C6AA6 }
```

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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