

Converting Colors

Hex(796EA0)

Have a look what the booklet for
Hex(796EA0) contains.

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Color

Hex(796EA0)

Conversions

Conversions Part 1

Format	Color
Hex	796EA0
RGB	121, 110, 160
RGB Percent	47%, 43%, 63%
CMY	0.5255, 0.5686, 0.3725
CMYK	0.24, 0.31, 0.00, 0.37
HSL	253°, 21%, 53%
HSV	253°, 31%, 63%
XYZ	19.8063, 17.7549, 35.6408
YIQ	118.9890, -9.4940, 17.8820

Conversions

Conversions Part 2

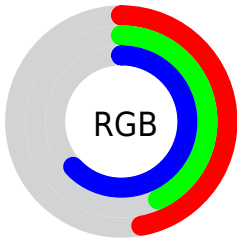
Format	Color
R_{YB}	121, 110, 160
Decimal	7958176
CIE _{Lab}	49.20, 15.41, -25.43
CIE _{LCh}	49, 29.730, 301.216
Yxy	17.7549, 0.2706, 0.2425
Android (android.graphics.Color)	4286148256 (0xFF796EA0)
YUV	118.9890, 20.2184, 1.7636
Hunter-Lab	42.1365, 10.1649, -20.6544

Details

The Hex color **796EA0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95A06E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AEA2D7**, and **473E6C** is the 20% darker color. If you saturate the color by 10%, you get **6D5EA0**, and if you desaturate by 10%, it is **857EA0**.

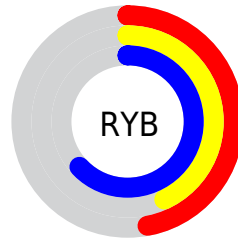
Distribution



Red (47%)

Green (43%)

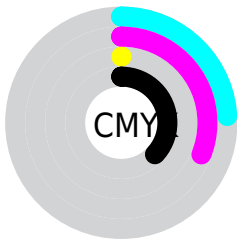
Blue (63%)



Red (47%)

Yellow (43%)

Blue (63%)

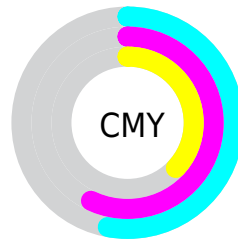


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (57%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796EA0 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 796EA0 by changing the saturation by 10% instead.

796EA0

796EA0

FFFFFF

605686

AEA2D7

473E6C

CABDF3

2F2854

E6D8FF

18143C

FFF5FF

000027

000110

000000

796EA0

796EA0

6D5EA0

857EA0

604EA0

928EA0

543EA0

9E9EA0

472EA0

ABAEA0

3B1EA0

B7BEA0

2E0EA0

C4CEA0

2300A0

D0DEA0

DDEEA0

E9FEA0

Harmonies

Analogous

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



5177A7



796EA0



95658E

Triad

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



796EA0



996B49



278275

Complementary

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



796EA0



95A06E

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.



4C805C



796EA0



847442

Square

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



796EA0



A5645C



6A7B49



00828E

Rectangle

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



796EA0



A1627D



6A7B49



34826C

Sweetspot

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



796EA0



C2BED1



6E95A0



605D69



E8E8E8



696969

Same Dimension

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



796EA0



9382D1



926EA0



49474F



1F008F



03000F

Inverse Universe

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



A06E95



D182C0



7CA06E



4F474D



8F006F



0F000C

Previews

White Background



This preview shows how the Hex color 796EA0 looks on a white background.

Color Contrast Check

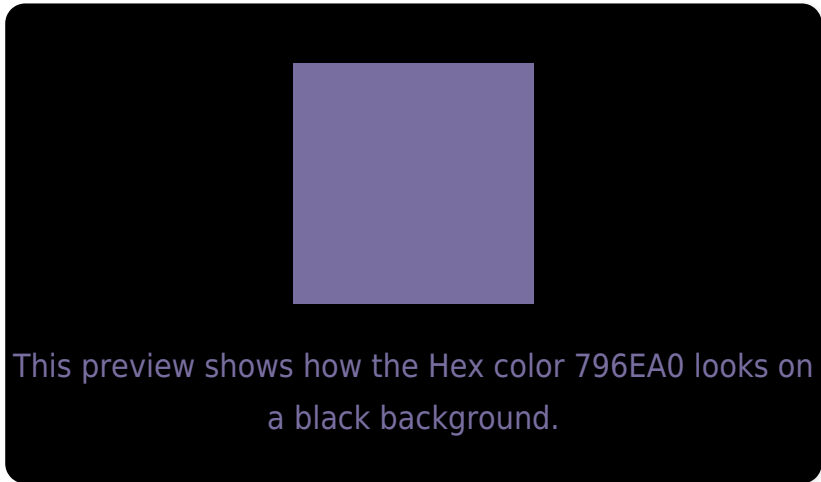
Large Text (above 18pt) WCAG AA ✓ Pass

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

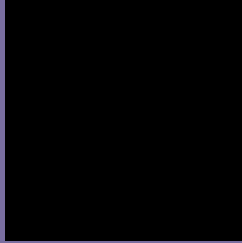
Any Text WCAG AA ✓ Pass

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 796EA0 Background



This preview shows how black text looks on a background with the Hex color 796EA0.

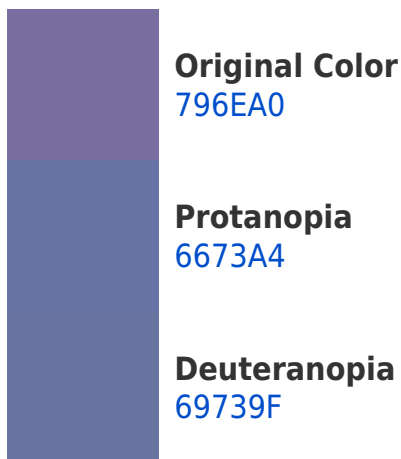


This preview shows how white text looks on a background with the Hex color 796EA0.

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](#).

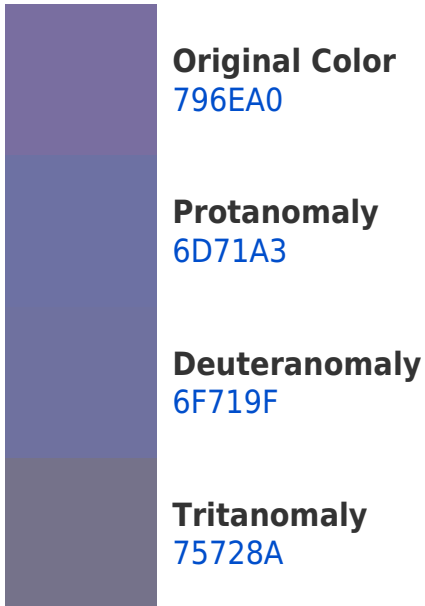
Dichromacy





Tritanopia
73757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 796EA0 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 #796EA0 looks like.

```
.text, #text, p{  
    color:#796EA0  
}
```

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 #796EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796EA0
}
```

Border

The CSS property to change the border of an element to Hex 796EA0 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
#796EA0 }
```

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

```
.border{ border-color:#796EA0 }
```

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

Here you see how a box with a 4 pixel #796EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796EA0; -webkit-box-shadow:4px 4px  
4px 4px #796EA0; box-shadow:4px 4px 4px  
4px #796EA0 }
```

Background

The CSS property to change the background color of an element to Hex 796EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796EA0 }
```

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

```
.background{ background-color:#796EA0 }
```

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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