

Converting Colors

Hex(796FA1)

Have a look what the booklet for
Hex(796FA1) contains.

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Color

Hex(796FA1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 796FA1 |
| RGB | 121, 111, 161 |
| RGB Percent | 47%, 44%, 63% |
| CMY | 0.5255, 0.5647, 0.3686 |
| CMYK | 0.25, 0.31, 0.00, 0.37 |
| HSL | 252°, 21%, 53% |
| HSV | 252°, 31%, 63% |
| XYZ | 20.0026, 18.0070, 36.1397 |
| YIQ | 119.6900, -10.0900, 17.6700 |

Conversions

Conversions Part 2

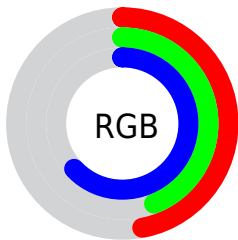
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 121, 111, 161 |
| Decimal | 7958433 |
| CIE _{Lab} | 49.50, 15.06, -25.54 |
| CIE _{LCh} | 50, 29.646, 300.531 |
| Yxy | 18.0070, 0.2698, 0.2428 |
| Android (android.graphics.Color) | 4286148513 (0xFF796FA1) |
| YUV | 119.6900, 20.3658, 1.1489 |
| Hunter-Lab | 42.4347, 9.8796, -20.7903 |

Details

The Hex color **796FA1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97A16F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AEA3D8**, and **473F6D** is the 20% darker color. If you saturate the color by 10%, you get **6C5FA1**, and if you desaturate by 10%, it is **867FA1**.

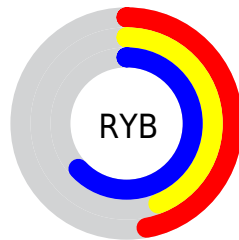
Distribution



Red (47%)

Green (44%)

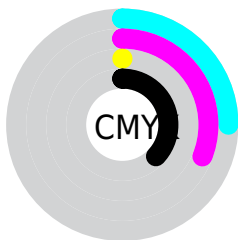
Blue (63%)



Red (47%)

Yellow (44%)

Blue (63%)

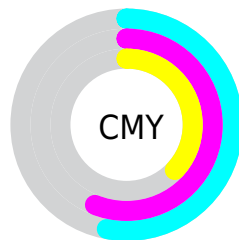


Cyan (25%)

Magenta (31%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (56%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796FA1 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 796FA1 by changing the saturation by 10% instead.

■ 796FA1

■ 796FA1

FFFFFF

■ 605787

■ AEA3D8

■ 473F6D

■ CABEF5

■ 2F2955

■ E6DAFF

■ 18153D

■ FFF6FF

■ 020027

■ 000111

■ 000000

■ 796FA1

■ 796FA1

■ 6C5FA1

■ 867FA1

■ 5F4FA1

■ 938FA1

■ 523FA1

■ A09FA1

■ 452FA1

■ ADAFA1

■ 391EA1

■ B9C0A1

■ 2C0EA1

■ C6D0A1

■ 2000A1

■ D3E0A1

■ E0F0A1

■ EDFFA1

Harmonies

Analogous

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



5178A8



796FA1



96668F

Triad

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



796FA1



9A6C4B



298375

Complementary

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



796FA1



97A16F

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.



4D815C



796FA1



867443

Square

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



796FA1



A5645D



6B7C49



00828E

Rectangle

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



796FA1



A1637F



6B7C49



36836D

Sweetspot

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



796FA1



C2BED1



6F97A1



5F5D69



E8E8E8



696969

Same Dimension

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



796FA1



9384D1



926FA1



4B4952



1D0091



040012

Inverse Universe

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



A16F97



D184C2



7EA16F



524950



910074



12000E

Previews

White Background



This preview shows how the Hex color 796FA1 looks on a white background.

Color Contrast Check

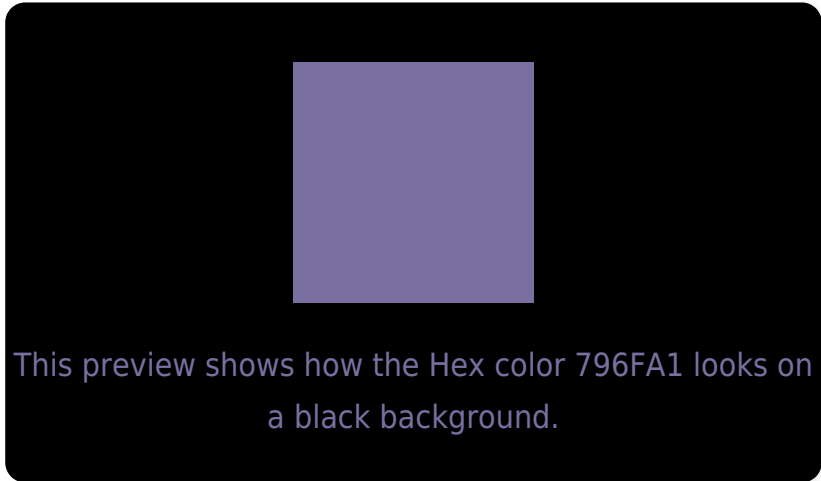
Large Text (above 18pt) WCAG AA ✓ Pass

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

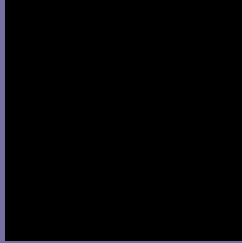
Any Text WCAG AA ✓ Pass

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 796FA1 Background



This preview shows how black text looks on a background with the Hex color 796FA1.



This preview shows how white text looks on a background with the Hex color 796FA1.

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



Original Color
796FA1

Protanopia
6774A5

Deuteranopia
6974A0



Tritanopia
73767F

Trichromacy



Original Color
796FA1

Protanomaly
6E72A4

Deuteranomaly
6F72A0

Tritanomaly
75738B

Monochromacy



Original Color
796FA1

Achromatopsia
787878

Achromatomaly
787587

CSS Examples

Text

The CSS property to change the color of the text to Hex 796FA1 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 #796FA1 looks like.

```
.text, #text, p{  
    color:#796FA1  
}
```

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 #796FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796FA1
}
```

Border

The CSS property to change the border of an element to Hex 796FA1 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
#796FA1 }
```

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

```
.border{ border-color:#796FA1 }
```

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

Here you see how a box with a 4 pixel #796FA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796FA1; -webkit-box-shadow:4px 4px  
4px 4px #796FA1; box-shadow:4px 4px 4px  
4px #796FA1 }
```

Background

The CSS property to change the background color of an element to Hex 796FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796FA1 }
```

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

```
.background{ background-color:#796FA1 }
```

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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