

Converting Colors

Hex(796DB5)

Have a look what the booklet for
Hex(796DB5) contains.

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Color

Hex(796DB5)

Conversions

Conversions Part 1

Format	Color
Hex	796DB5
RGB	121, 109, 181
RGB Percent	47%, 43%, 71%
CMY	0.5255, 0.5725, 0.2902
CMYK	0.33, 0.40, 0.00, 0.29
HSL	250°, 33%, 57%
HSV	250°, 40%, 71%
XYZ	21.6943, 18.3384, 46.1123
YIQ	120.7960, -15.9600, 24.9360

Conversions

Conversions Part 2

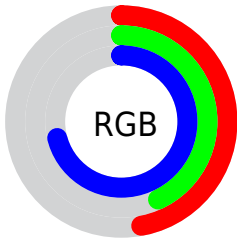
Format	Color
R_{YB}	121, 109, 181
Decimal	7957941
CIE _{Lab}	49.90, 21.50, -36.57
CIE _{LCh}	50, 42.416, 300.452
Yxy	18.3384, 0.2518, 0.2129
Android (android.graphics.Color)	4286148021 (0xFF796DB5)
YUV	120.7960, 29.6806, 0.1789
Hunter-Lab	42.8234, 15.4870, -33.8672

Details

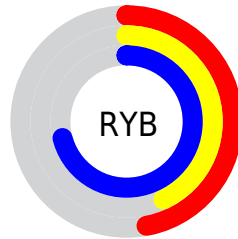
The Hex color **796DB5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A9B56D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AFA1ED**, and **453D80** is the 20% darker color. If you saturate the color by 10%, you get **6A5BB5**, and if you desaturate by 10%, it is **887FB5**.

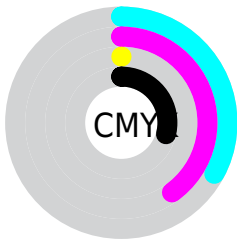
Distribution



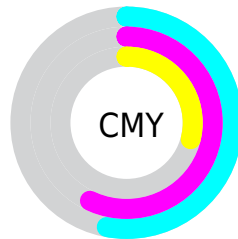
- Red (47%)
- Green (43%)
- Blue (71%)



- Red (47%)
- Yellow (43%)
- Blue (71%)



- Cyan (33%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796DB5 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 796DB5 by changing the saturation by 10% instead.

■ 796DB5

■ 796DB5

FFFFFF

■ 5F559A

■ AFA1ED

■ 453D80

■ CBBCFF

■ 2B2766

■ E8D7FF

■ 0F134E

■ FFF4FF

■ 000037

■ 000220

■ 000005

■ 000000

■ 796DB5

■ 796DB5

6A5BB5

887FB5

5B49B5

9791B5

4C37B5

A6A3B5

3D25B5

B5B5B5

2E13B5

C4C8B5

1F00B5

D4DAB5

1E00B5

E3ECB5

F2FEB5

FFFFB5

Harmonies

Analogous

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



2E7ABF



796DB5



A35F9B

Triad

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



796DB5



A76838



008976

Complementary

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



796DB5



A9B56D

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.



358652



796DB5



8B752B

Square

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



796DB5



B85B54



667F35



00889A

Rectangle

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



796DB5



B35984



667F35



00886A

Sweetspot

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



796DB5



D3CEEB



6DA9B5



686575



F5F5F5



757575

Same Dimension

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



796DB5



8D7AEB



9D6DB5



525059



1A0099



04001A

Inverse Universe

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



B56DA9



EB7AD8



85B56D



595058



990080



1A0015

Previews

White Background



This preview shows how the Hex color 796DB5 looks on a white background.

Color Contrast Check

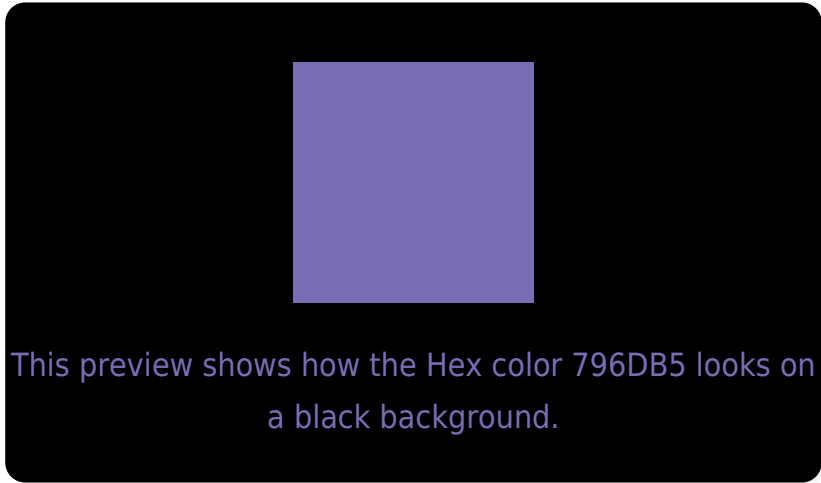
Large Text (above 18pt) WCAG AA ✓ Pass

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

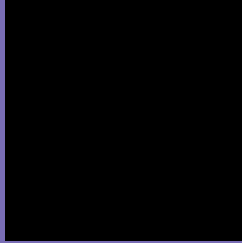
Any Text WCAG AA ✓ Pass

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 796DB5 Background



This preview shows how black text looks on a background with the Hex color 796DB5.

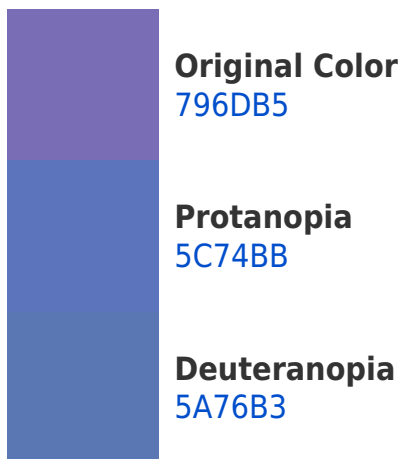


This preview shows how white text looks on a background with the Hex color 796DB5.

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](#).

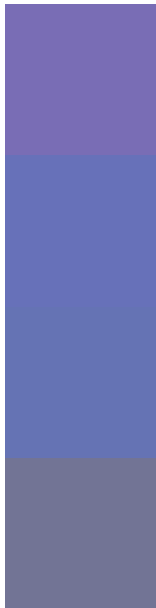
Dichromacy





Tritanopia
6E7882

Trichromacy



Original Color
796DB5

Protanomaly
6771B9

Deuteranomaly
6573B4

Tritanomaly
727495

Monochromacy



Original Color
796DB5

Achromatopsia
797979

Achromatomaly
79758F

CSS Examples

Text

The CSS property to change the color of the text to Hex 796DB5 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 #796DB5 looks like.

```
.text, #text, p{  
    color:#796DB5  
}
```

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 #796DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796DB5
}
```

Border

The CSS property to change the border of an element to Hex 796DB5 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
#796DB5 }
```

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

```
.border{ border-color:#796DB5 }
```

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

Here you see how a box with a 4 pixel #796DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796DB5; -webkit-box-shadow:4px 4px  
4px 4px #796DB5; box-shadow:4px 4px 4px  
4px #796DB5 }
```

Background

The CSS property to change the background color of an element to Hex 796DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796DB5 }
```

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

```
.background{ background-color:#796DB5 }
```

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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