

Converting Colors

Hex(796FDE)

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

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Color

Hex(796FDE)

Conversions

Conversions Part 1

Format	Color
Hex	796FDE
RGB	121, 111, 222
RGB Percent	47%, 44%, 87%
CMY	0.5255, 0.5647, 0.1294
CMYK	0.45, 0.50, 0.00, 0.13
HSL	245°, 63%, 65%
HSV	245°, 50%, 87%
XYZ	26.7544, 20.7078, 71.6941
YIQ	126.6440, -29.6710, 36.6410

Conversions

Conversions Part 2

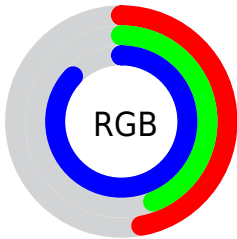
Format	Color
R_{YB}	121, 111, 222
Decimal	7958494
CIE Lab	52.63, 31.87, -55.67
CIE LCh	53, 64.150, 299.792
Yxy	20.7078, 0.2245, 0.1738
Android (android.graphics.Color)	4286148574 (0xFF796FDE)
YUV	126.6440, 47.0105, -4.9498
Hunter-Lab	45.5058, 25.3112, -61.5571

Details

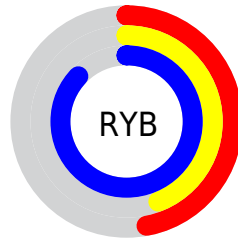
The Hex color **796FDE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D4DE6F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B2A3FF**, and **3F3FA6** is the 20% darker color. If you saturate the color by 10%, you get **6559DE**, and if you desaturate by 10%, it is **8D85DE**.

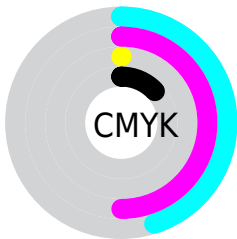
Distribution



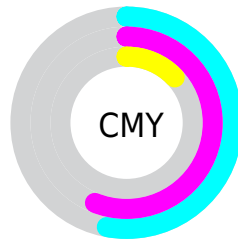
- Red (47%)
- Green (44%)
- Blue (87%)



- Red (47%)
- Yellow (44%)
- Blue (87%)



- Cyan (45%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 796FDE

 796FDE

FFFFFF

 5C56C2

 B2A3FF

 3F3FA6

 CFBEFF

 1C298B

 EDDAFF

 001471

 FFF6FF

 000058

 000640

 000329

 000112

 000000

 796FDE

 796FDE

 6559DE

 8D85DE

 5143DE

 A19BDE

 3C2CDE

 B6B2DE

 2816DE

 CAC8DE

 1400DE

 DEDEDE

 F2F4DE

 FFFFDE

Harmonies

Analogous

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



0084EC



796FDE



BE54B6

Triad

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



796FDE



C16517



00967C

Complementary

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



796FDE



D4DE6F

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.



009342



796FDE



977B00

Square

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



796FDE



DB4C4A



608A03



0096B3

Rectangle

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



796FDE



D64593



608A03



009568

Sweetspot

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



796FDE



DCD9FF



6FD5DE



6B6980



000000



808080

Same Dimension

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



796FDE



7466FF



B06FDE



666570



1000B0



040030

Inverse Universe

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



DE6FD4



FF66F1



9DDE6F



70656F



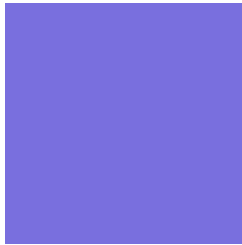
B000A0



30002C

Previews

White Background



This preview shows how the Hex color 796FDE looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

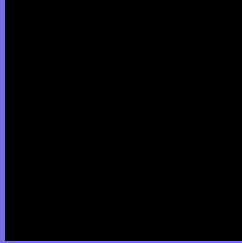
Any Text WCAG AA ✓ Pass

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 796FDE Background



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

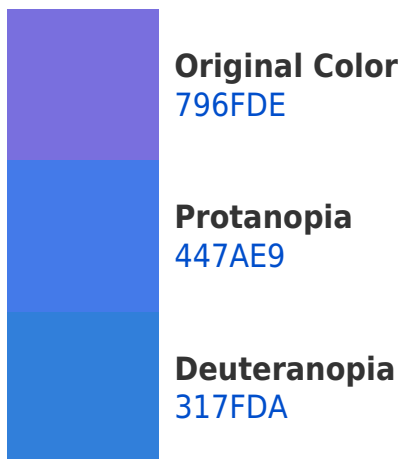



This preview shows how white text looks on a background with the Hex color 796FDE.

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](#).

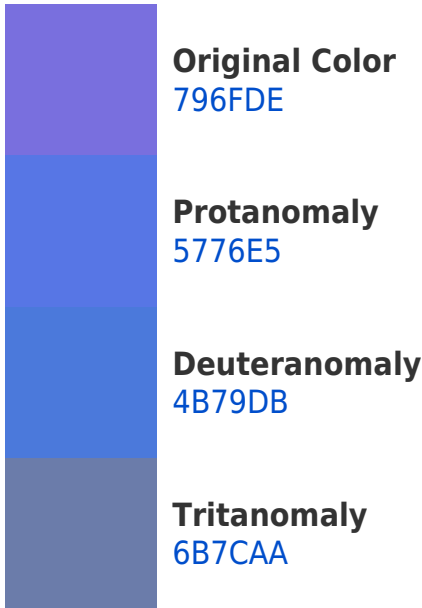
Dichromacy



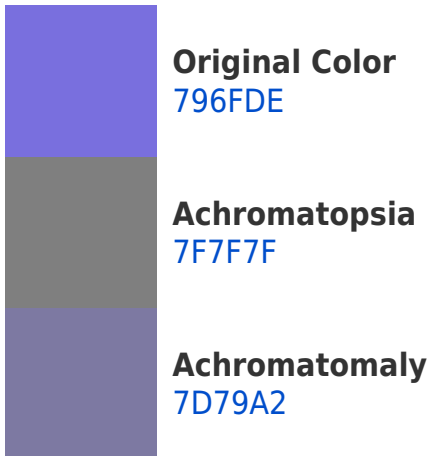


Tritanopia
63838D

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #796FDE colored shadow looks like.

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

Border

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

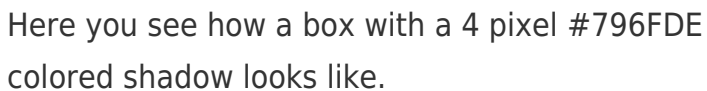
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#796FDE }
```

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

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

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



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

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

Background

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

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

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

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

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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