

Converting Colors

Hex(786CA6)

Have a look what the booklet for
Hex(786CA6) contains.

Hex(786CA6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(786CA6)

Conversions

Conversions Part 1

Format	Color
Hex	786CA6
RGB	120, 108, 166
RGB Percent	47%, 42%, 65%
CMY	0.5294, 0.5765, 0.3490
CMYK	0.28, 0.35, 0.00, 0.35
HSL	252°, 25%, 54%
HSV	252°, 35%, 65%
XYZ	19.9912, 17.4714, 38.3951
YIQ	118.2000, -11.4660, 20.5820

Conversions

Conversions Part 2

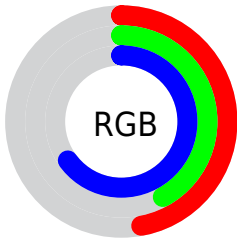
Format	Color
R_{YB}	120, 108, 166
Decimal	7892134
CIE _{Lab}	48.85, 17.83, -29.49
CIE _{LCh}	49, 34.462, 301.161
Yxy	17.4714, 0.2635, 0.2303
Android (android.graphics.Color)	4286082214 (0xFF786CA6)
YUV	118.2000, 23.5654, 1.5786
Hunter-Lab	41.7988, 12.2239, -25.2028

Details

The Hex color **786CA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9AA66C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **AD9FDD**, and **463D72** is the 20% darker color. If you saturate the color by 10%, you get **6B5BA6**, and if you desaturate by 10%, it is **857DA6**.

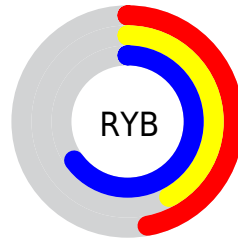
Distribution



Red (47%)

Green (42%)

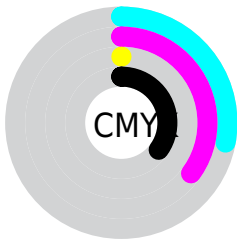
Blue (65%)



Red (47%)

Yellow (42%)

Blue (65%)

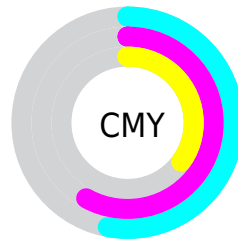


Cyan (28%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786CA6 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 786CA6 by changing the saturation by 10% instead.

■ 786CA6

■ 786CA6

FFFFFF

■ 5E548B

■ AD9FDD

■ 463D72

■ C9BAFA

■ 2D2759

■ E6D6FF

■ 151241

■ FFF3FF

■ 00002B

■ 000115

■ 000000

■ 786CA6

■ 786CA6

■ 6B5BA6

■ 857DA6

■ 5E4BA6

■ 928DA6

■ 513AA6

■ 9F9EA6

■ 432AA6

■ ADAEA6

■ 3619A6

■ BABFA6

■ 2908A6

■ C7D0A6

■ 2200A6

■ D4E0A6

■ E1F1A6

■ EEFFA6

Harmonies

Analogous

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



4677AE



786CA6



996291

Triad

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



786CA6



9C6841



008374

Complementary

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



786CA6



9AA66C

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.



428157



786CA6



857338

Square

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



786CA6



AA5F57



677B41



008291

Rectangle

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



786CA6



A65D7E



677B41



1F836A

Sweetspot

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



786CA6



C8C3D9



6C9AA6



63606E



EDEDED



6E6E6E

Same Dimension

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



786CA6



917ED9



956CA6



4D4C54



1F0094



040014

Inverse Universe

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



A66C9A



D97EC6



7DA66C



544C52



940075



140010

Previews

White Background



This preview shows how the Hex color 786CA6 looks on a white background.

Color Contrast Check

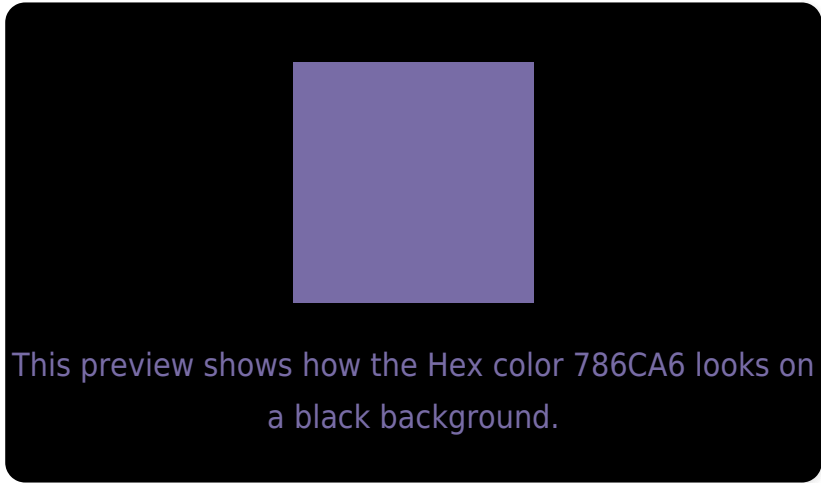
Large Text (above 18pt) WCAG AA ✓ Pass

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 786CA6 Background



This preview shows how black text looks on a background with the Hex color 786CA6.

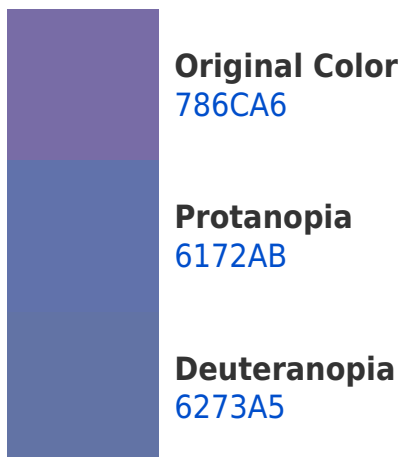


This preview shows how white text looks on a background with the Hex color 786CA6.

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](#).

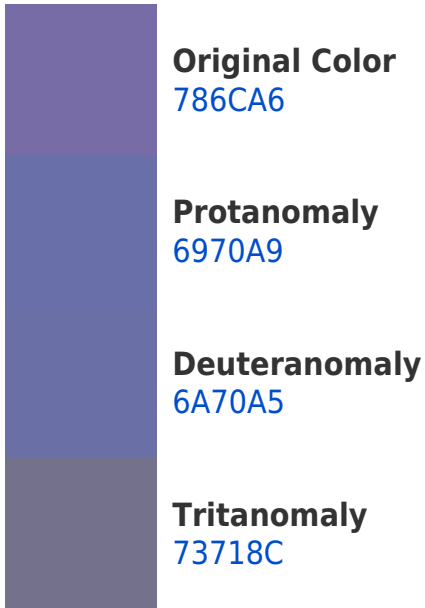
Dichromacy





Tritanopia
70747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 786CA6 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 #786CA6 looks like.

```
.text, #text, p{  
    color:#786CA6  
}
```

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 #786CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786CA6  
}
```

Border

The CSS property to change the border of an element to Hex 786CA6 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  
#786CA6 }
```

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

```
.border{ border-color:#786CA6 }
```

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

Here you see how a box with a 4 pixel #786CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786CA6; -webkit-box-shadow:4px 4px  
4px 4px #786CA6; box-shadow:4px 4px 4px  
4px #786CA6 }
```

Background

The CSS property to change the background color of an element to Hex 786CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786CA6 }
```

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

```
.background{ background-color:#786CA6 }
```

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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