

Converting Colors

Hex(786CC3)

Have a look what the booklet for
Hex(786CC3) contains.

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Color

Hex(786CC3)

Conversions

Conversions Part 1

Format	Color
Hex	786CC3
RGB	120, 108, 195
RGB Percent	47%, 42%, 76%
CMY	0.5294, 0.5765, 0.2353
CMYK	0.38, 0.45, 0.00, 0.24
HSL	248°, 42%, 59%
HSV	248°, 45%, 76%
XYZ	22.9586, 18.6583, 54.0211
YIQ	121.5060, -20.7750, 29.6010

Conversions

Conversions Part 2

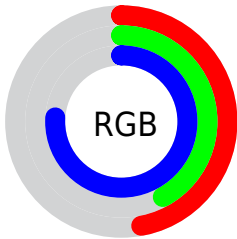
Format	Color
R _Y B	120, 108, 195
Decimal	7892163
CIE Lab	50.29, 25.68, -44.05
CIE LCh	50, 50.985, 300.243
Yxy	18.6583, 0.2401, 0.1951
Android (android.graphics.Color)	4286082243 (0xFF786CC3)
YUV	121.5060, 36.2325, -1.3208
Hunter-Lab	43.1953, 19.2823, -43.9129

Details

The Hex color **786CC3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7C36C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **AFA0FC**, and **423C8D** is the 20% darker color. If you saturate the color by 10%, you get **6759C3**, and if you desaturate by 10%, it is **8980C3**.

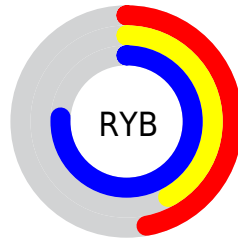
Distribution



Red (47%)

Green (42%)

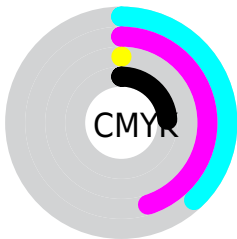
Blue (76%)



Red (47%)

Yellow (42%)

Blue (76%)

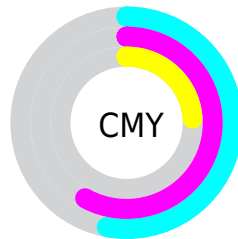


Cyan (38%)

Magenta (45%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (58%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786CC3 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 786CC3 by changing the saturation by 10% instead.

■ 786CC3

■ 786CC3

FFFFFF

■ 5D54A7

■ AFA0FC

■ 423C8D

■ CCBBFF

■ 262673

■ E9D6FF

■ 00125A

■ FFF3FF

■ 000042

■ 00032B

■ 000115

■ 000000

■ 786CC3

■ 786CC3

6759C3

8980C3

5645C3

9A93C3

4631C3

AAA7C3

351EC3

BBBAC3

240BC3

CCCEC3

1B00C3

DDE1C3

EEF4C3

FEFFC3

FFFFC3

Harmonies

Analogous

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



007CCF



786CC3



AC59A3

Triad

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



786CC3



AF652B



008C77

Complementary

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



786CC3



B7C36C

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.



1D894A



786CC3



8E7616

Square

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



786CC3



C4554F



628226



008CA2

Rectangle

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



786CC3



BF5088



628226



008C68

Sweetspot

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



786CC3



E0DCFC



6CB7C3



6E6B80



000000



808080

Same Dimension

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



786CC3



8774FC



A36CC3



595761



1600A1



050021

Inverse Universe

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



C36CB7



FC74EA



8CC36C



615760



A1008A



21001D

Previews

White Background



This preview shows how the Hex color 786CC3 looks on a white background.

Color Contrast Check

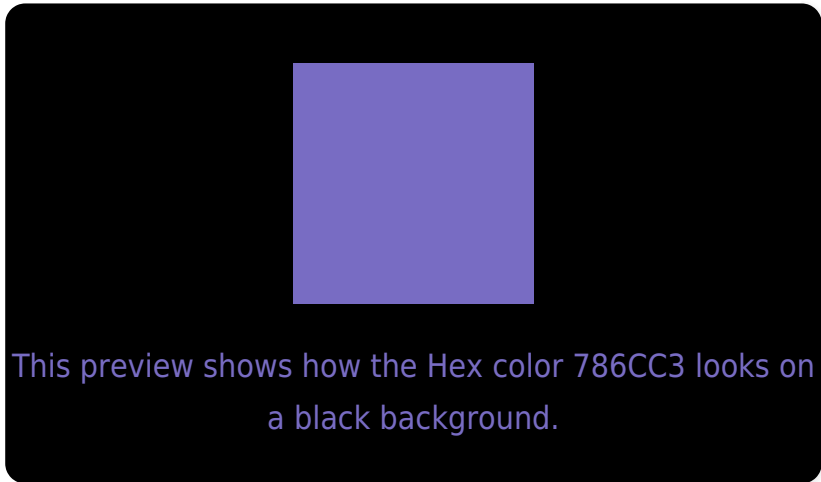
Large Text (above 18pt) WCAG AA ✓ Pass

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

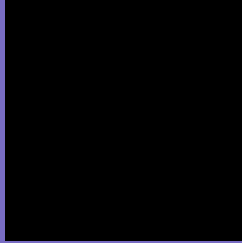
Any Text WCAG AA ✓ Pass

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 786CC3 Background



This preview shows how black text looks on a background with the Hex color 786CC3.

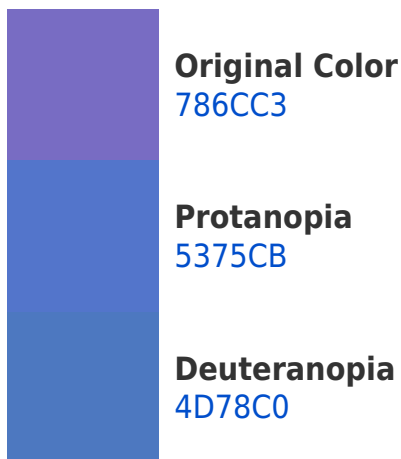


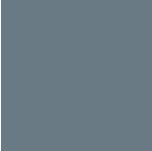
This preview shows how white text looks on a background with the Hex color 786CC3.

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](#).

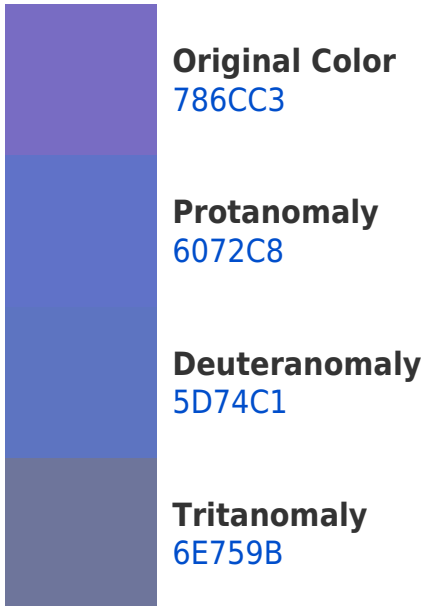
Dichromacy



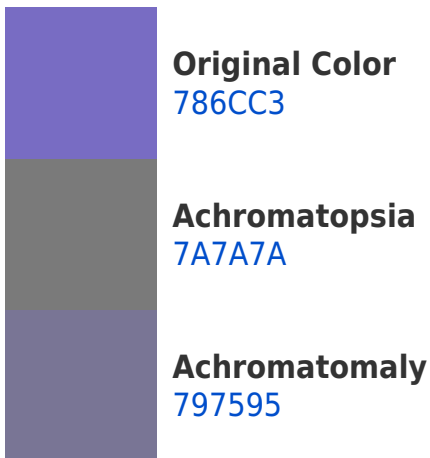


Tritanopia
697A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 786CC3 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 #786CC3 looks like.

```
.text, #text, p{  
    color:#786CC3  
}
```

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 #786CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786CC3  
}
```

Border

The CSS property to change the border of an element to Hex 786CC3 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  
#786CC3 }
```

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

```
.border{ border-color:#786CC3 }
```

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

Here you see how a box with a 4 pixel #786CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786CC3; -webkit-box-shadow:4px 4px  
4px 4px #786CC3; box-shadow:4px 4px 4px  
4px #786CC3 }
```

Background

The CSS property to change the background color of an element to Hex 786CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786CC3 }
```

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

```
.background{ background-color:#786CC3 }
```

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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