

Converting Colors

Hex(784DC1)

Have a look what the booklet for
Hex(784DC1) contains.

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Color

Hex(784DC1)

Conversions

Conversions Part 1

Format	Color
Hex	784DC1
RGB	120, 77, 193
RGB Percent	47%, 30%, 76%
CMY	0.5294, 0.6980, 0.2431
CMYK	0.38, 0.60, 0.00, 0.24
HSL	262°, 48%, 53%
HSV	262°, 60%, 76%
XYZ	20.0252, 13.1511, 51.9350
YIQ	103.0810, -11.6080, 45.1920

Conversions

Conversions Part 2

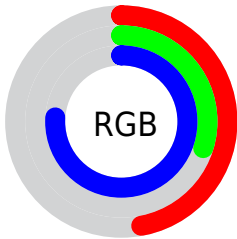
Format	Color
R_{YB}	120, 77, 193
Decimal	7884225
CIE _{Lab}	42.99, 43.25, -54.56
CIE _{LCh}	43, 69.624, 308.407
Yxy	13.1511, 0.2353, 0.1545
Android (android.graphics.Color)	4286074305 (0xFF784DC1)
YUV	103.0810, 44.3301, 14.8380
Hunter-Lab	36.2644, 35.1051, -59.5254

Details

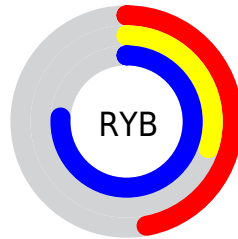
The Hex color **784DC1** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **96C14D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B080FA**, and **401C8A** is the 20% darker color. If you saturate the color by 10%, you get **6C3AC1**, and if you desaturate by 10%, it is **8460C1**.

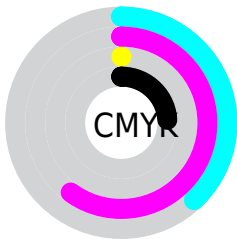
Distribution



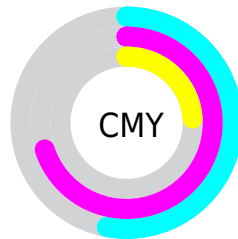
- Red (47%)
- Green (30%)
- Blue (76%)



- Red (47%)
- Yellow (30%)
- Blue (76%)



- Cyan (38%)
- Magenta (60%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (70%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 784DC1 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 784DC1 by changing the saturation by 10% instead.

784DC1

784DC1

FFFFFF

5C35A5

B080FA

401C8A

CD9AFF

220270

EAB6FF

000057

FFD2FF

00003F

FFEEFF

000328

000112

000000

784DC1

784DC1

6C3AC1

8460C1

6026C1

9074C1

5413C1

9C87C1

4800C1

A99AC1

B5ADC1

C1C1C1

CDD4C1

D9E7C1

E5FBC1

Harmonies

Analogous

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



0068D9



784DC1



B42691

Triad

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



784DC1



9D5200



007E75

Complementary

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



784DC1



96C14D

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.



007B38



784DC1



6D6800

Square

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



784DC1



BD3120



297500



007DAC

Rectangle

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



784DC1



C5096B



297500



007D61

Sweetspot

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



784DC1



DECDFA



4D96C1



6C617D



FCFCFC



7D7D7D

Same Dimension

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



784DC1



8946FA



B24DC1



5B5761



3C00A1



0C0021

Inverse Universe

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



C14D96



FA46B7



5CC14D



61575D



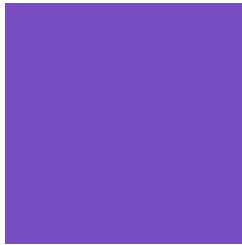
A10065



210015

Previews

White Background



This preview shows how the Hex color 784DC1 looks on a white background.

Color Contrast Check

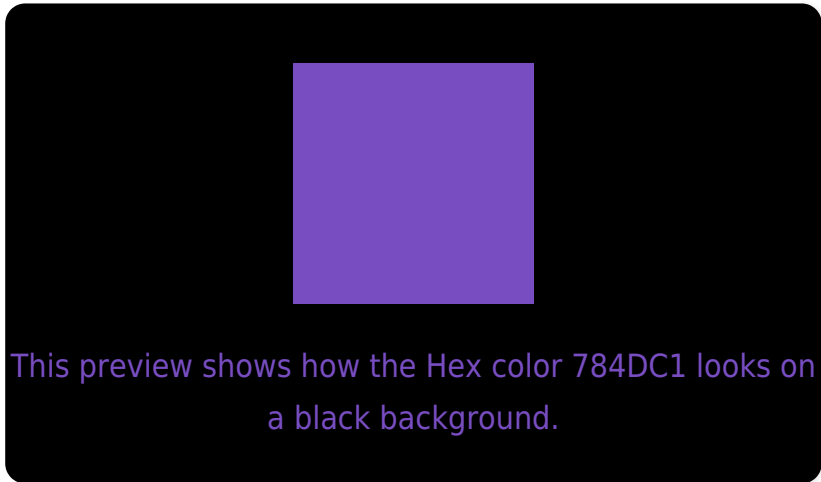
Large Text (above 18pt) WCAG AA ✓ Pass

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

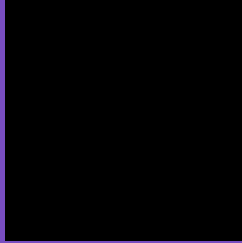
Any Text WCAG AA × Fail

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 784DC1 Background



This preview shows how black text looks on a background with the Hex color 784DC1.




This preview shows how white text looks on a background with the Hex color 784DC1.

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](#).

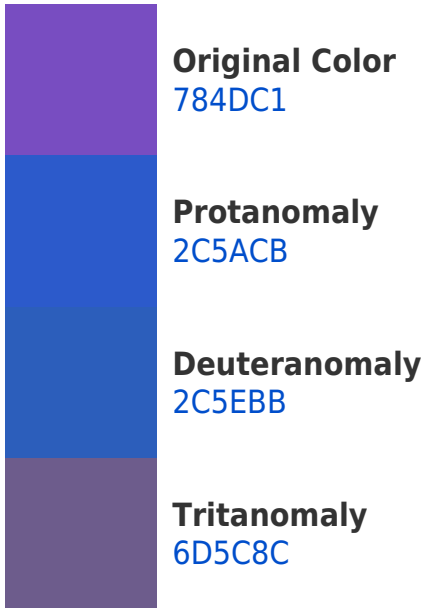
Dichromacy





Tritanopia
66656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 784DC1 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 #784DC1 looks like.

```
.text, #text, p{  
    color:#784DC1  
}
```

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 #784DC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784DC1
}
```

Border

The CSS property to change the border of an element to Hex 784DC1 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
#784DC1 }
```

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

```
.border{ border-color:#784DC1 }
```

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

Here you see how a box with a 4 pixel #784DC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784DC1; -webkit-box-shadow:4px 4px  
4px 4px #784DC1; box-shadow:4px 4px 4px  
4px #784DC1 }
```

Background

The CSS property to change the background color of an element to Hex 784DC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784DC1 }
```

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

```
.background{ background-color:#784DC1 }
```

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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