

Converting Colors

Hex(786DE0)

Have a look what the booklet for
Hex(786DE0) contains.

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Color

Hex(786DE0)

Conversions

Conversions Part 1

Format	Color
Hex	786DE0
RGB	120, 109, 224
RGB Percent	47%, 43%, 88%
CMY	0.5294, 0.5725, 0.1216
CMYK	0.46, 0.51, 0.00, 0.12
HSL	246°, 65%, 65%
HSV	246°, 51%, 88%
XYZ	26.6689, 20.3122, 73.0360
YIQ	125.3990, -30.3590, 38.0970

Conversions

Conversions Part 2

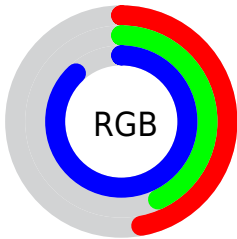
Format	Color
R _Y B	120, 109, 224
Decimal	7892448
CIE Lab	52.19, 33.42, -57.51
CIE LCh	52, 66.514, 300.162
Yxy	20.3122, 0.2222, 0.1692
Android (android.graphics.Color)	4286082528 (0xFF786DE0)
YUV	125.3990, 48.6103, -4.7349
Hunter-Lab	45.0690, 26.7539, -64.5334

Details

The Hex color **786DE0** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D5E06D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B2A1FF**, and **3D3DA8** is the 20% darker color. If you saturate the color by 10%, you get **6457E0**, and if you desaturate by 10%, it is **8C83E0**.

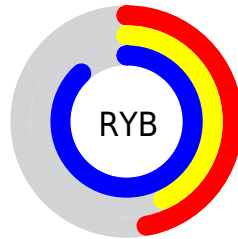
Distribution



Red (47%)

Green (43%)

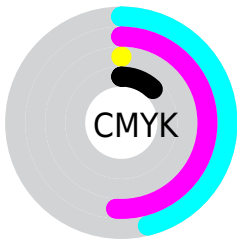
Blue (88%)



Red (47%)

Yellow (43%)

Blue (88%)

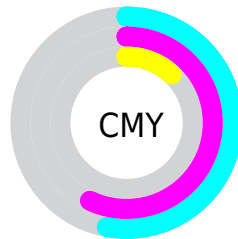


Cyan (46%)

Magenta (51%)

Yellow (0%)

Black (12%)



Cyan (53%)

Magenta (57%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786DE0 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 786DE0 by changing the saturation by 10% instead.

■ 786DE0

■ 786DE0

FFFFFF

■ 5B55C4

■ B2A1FF

■ 3D3DA8

■ CFBCFF

■ 18278D

■ ECD8FF

■ 001273

■ FFF4FF

■ 000059

■ 000741

■ 00032A

■ 000114

■ 000000

■ 786DE0

■ 786DE0

■ 6457E0

■ 8C83E0

■ 4F40E0

■ A19AE0

■ 3B2AE0

■ B5B0E0

■ 2713E0

■ C9C7E0

■ 1500E0

■ DDDDE0

■ F2F3E0

■ FFFFE0

Harmonies

Analogous

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



0083EF



786DE0



C050B6

Triad

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



786DE0



C1630E



00967B

Complementary

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



786DE0



D5E06D

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.



009240



786DE0



967A00

Square

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



786DE0



DC4847



5D8900



0096B5

Rectangle

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



786DE0



D84092



5D8900



009567

Sweetspot

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



786DE0



DCD9FF



6DD6E0



6B6980



000000



808080

Same Dimension

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



786DE0



7061FF



B06DE0



666570



1100B0



050030

Inverse Universe

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



E06DD5



FF61F0



9DE06D



70656F



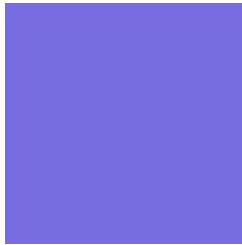
B0009F



30002C

Previews

White Background



This preview shows how the Hex color 786DE0 looks on a white background.

Color Contrast Check

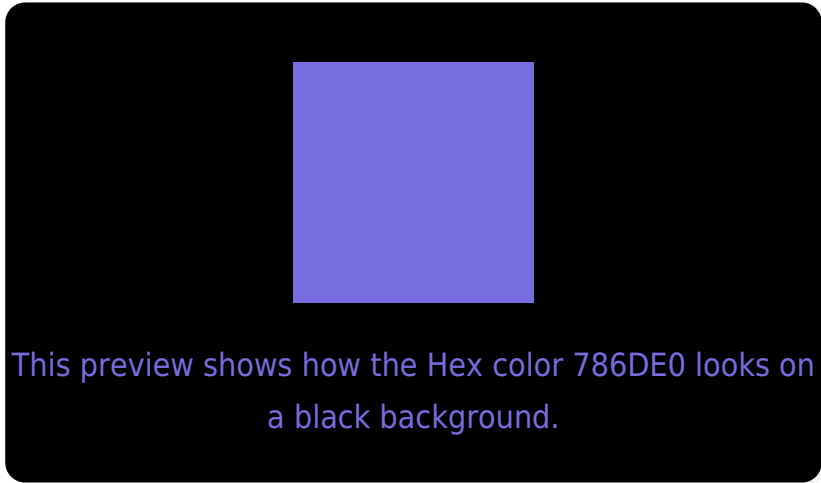
Large Text (above 18pt) WCAG AA ✓ Pass

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

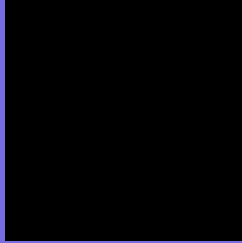
Any Text WCAG AA ✓ Pass

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 786DE0 Background



This preview shows how black text looks on a background with the Hex color 786DE0.




This preview shows how white text looks on a background with the Hex color 786DE0.

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
61828C

Trichromacy



Original Color
786DE0



Protanomaly
5274E8



Deuteranomaly
4378DD



Tritanomaly
697AAB

Monochromacy



Original Color
786DE0



Achromatopsia
7D7D7D



Achromatomaly
7B77A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 786DE0 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 #786DE0 looks like.

```
.text, #text, p{  
    color:#786DE0  
}
```

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 #786DE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786DE0
}
```

Border

The CSS property to change the border of an element to Hex 786DE0 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
#786DE0 }
```

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

```
.border{ border-color:#786DE0 }
```

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

Here you see how a box with a 4 pixel #786DE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786DE0; -webkit-box-shadow:4px 4px  
4px 4px #786DE0; box-shadow:4px 4px 4px  
4px #786DE0 }
```

Background

The CSS property to change the background color of an element to Hex 786DE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786DE0 }
```

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

```
.background{ background-color:#786DE0 }
```

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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