

Converting Colors

Hex(786AE1)

Have a look what the booklet for
Hex(786AE1) contains.

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Color

Hex(786AE1)

Conversions

Conversions Part 1

Format	Color
Hex	786AE1
RGB	120, 106, 225
RGB Percent	47%, 42%, 88%
CMY	0.5294, 0.5843, 0.1176
CMYK	0.47, 0.53, 0.00, 0.12
HSL	247°, 66%, 65%
HSV	247°, 53%, 88%
XYZ	26.4904, 19.7374, 73.6477
YIQ	123.7520, -29.8550, 39.9770

Conversions

Conversions Part 2

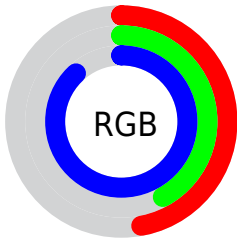
Format	Color
RYB	120, 106, 225
Decimal	7891681
CIELab	51.54, 35.49, -59.12
CIElCh	52, 68.948, 300.976
Yxy	19.7374, 0.2210, 0.1646
Android (android.graphics.Color)	4286081761 (0xFF786AE1)
YUV	123.7520, 49.9153, -3.2905
Hunter-Lab	44.4268, 28.6874, -67.1882

Details

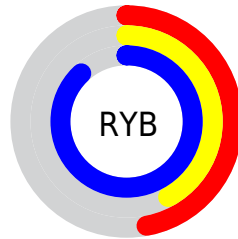
The Hex color **786AE1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D3E16A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B29EFF**, and **3D3AA9** is the 20% darker color. If you saturate the color by 10%, you get **6454E1**, and if you desaturate by 10%, it is **8C81E1**.

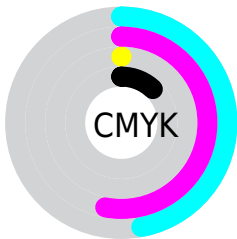
Distribution



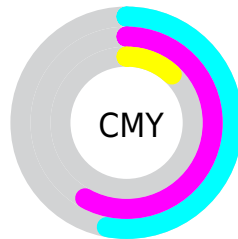
- Red (47%)
- Green (42%)
- Blue (88%)



- Red (47%)
- Yellow (42%)
- Blue (88%)



- Cyan (47%)
- Magenta (53%)
- Yellow (0%)
- Black (12%)



- Cyan (53%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 786AE1 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 786AE1 by changing the saturation by 10% instead.

 786AE1

 786AE1

FFFFFF

 5B52C5


 B29EFF

 3D3AA9

 CFB9FF

 16248E

 EDD4FF

 000F74

 FFF1FF

 00005A

 000742

 00032B

 000115

 000000

■ 786AE1

■ 786AE1

■ 6454E1

■ 8C81E1

■ 503DE1

■ A097E1

■ 3C27E1

■ B4ADE1

■ 2910E1

■ C7C4E1

■ 1A00E1

■ DBDBE1

■ EFF1E1

■ FFFFE1

Harmonies

Analogous

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



0082F2



786AE1



C24BB5

Triad

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



786AE1



C06100



00957B

Complementary

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



786AE1



D3E16A

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.



00913D



786AE1



937900

Square

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



786AE1



DC4342



578900



0094B6

Rectangle

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



786AE1



DA398F



578900



009466

Sweetspot

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



786AE1



DBD6FF



6AD3E1



6A6780



000000



808080

Same Dimension

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



786AE1



715EFF



B36AE1



666570



1500B0



060030

Inverse Universe

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



E16AD3



FF5EEC



98E16A



70656F



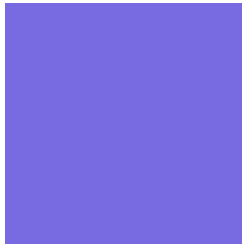
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 786AE1 looks on a white background.

Color Contrast Check

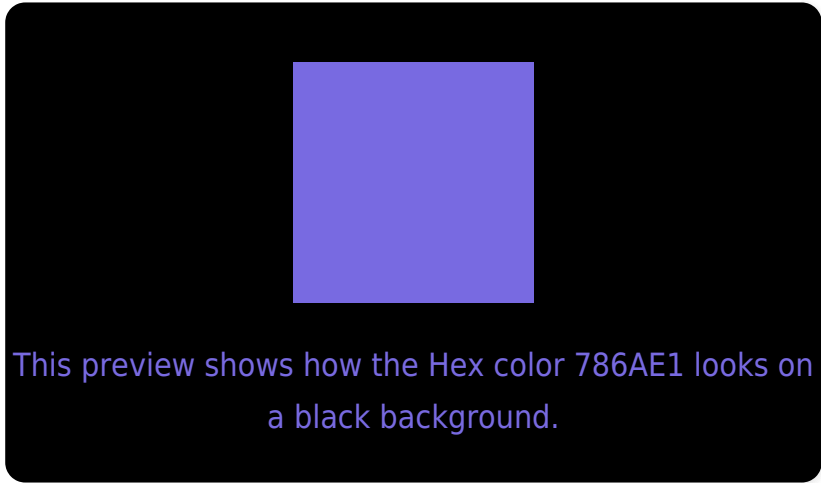
Large Text (above 18pt) WCAG AA ✓ Pass

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

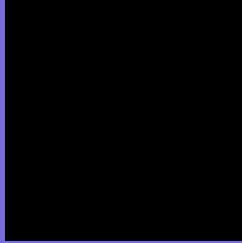
Any Text WCAG AA ✓ Pass

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 786AE1 Background



This preview shows how black text looks on a background with the Hex color 786AE1.



This preview shows how white text looks on a background with the Hex color 786AE1.

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](#).

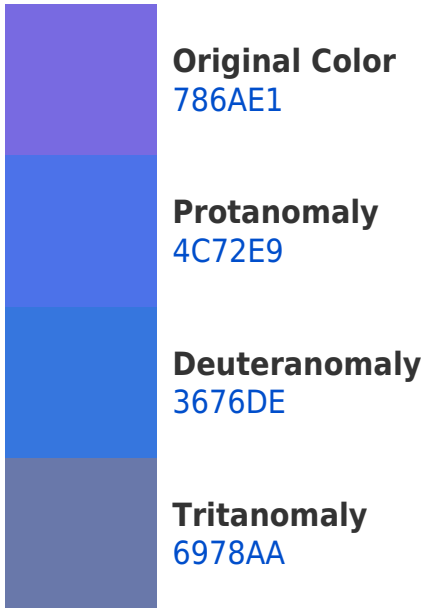
Dichromacy



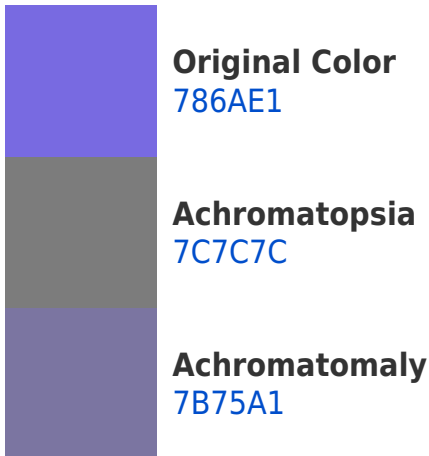


Tritanopia
60808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 786AE1 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 #786AE1 looks like.

```
.text, #text, p{  
    color:#786AE1  
}
```

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 #786AE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #786AE1
}
```

Border

The CSS property to change the border of an element to Hex 786AE1 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
#786AE1 }
```

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

```
.border{ border-color:#786AE1 }
```

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

Here you see how a box with a 4 pixel #786AE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #786AE1; -webkit-box-shadow:4px 4px  
4px 4px #786AE1; box-shadow:4px 4px 4px  
4px #786AE1 }
```

Background

The CSS property to change the background color of an element to Hex 786AE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#786AE1 }
```

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

```
.background{ background-color:#786AE1 }
```

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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