

Converting Colors

Hex(785EAB)

Have a look what the booklet for
Hex(785EAB) contains.

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Color

Hex(785EAB)

Conversions

Conversions Part 1

Format	Color
Hex	785EAB
RGB	120, 94, 171
RGB Percent	47%, 37%, 67%
CMY	0.5294, 0.6314, 0.3294
CMYK	0.30, 0.45, 0.00, 0.33
HSL	260°, 31%, 52%
HSV	260°, 45%, 67%
XYZ	19.0991, 14.9388, 40.4049
YIQ	110.5520, -9.2210, 29.4590

Conversions

Conversions Part 2

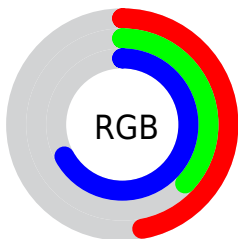
Format	Color
R_{YB}	120, 94, 171
Decimal	7888555
CIE _{Lab}	45.55, 27.56, -37.60
CIE _{LCh}	46, 46.618, 306.239
Yxy	14.9388, 0.2566, 0.2007
Android (android.graphics.Color)	4286078635 (0xFF785EAB)
YUV	110.5520, 29.8009, 8.2859
Hunter-Lab	38.6507, 20.5665, -34.9255

Details

The Hex color **785EAB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **91AB5E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AE91E3**, and **442F76** is the 20% darker color. If you saturate the color by 10%, you get **6D4DAB**, and if you desaturate by 10%, it is **836FAB**.

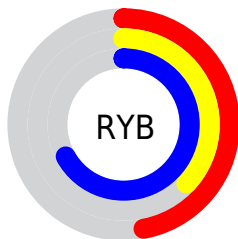
Distribution



Red (47%)

Green (37%)

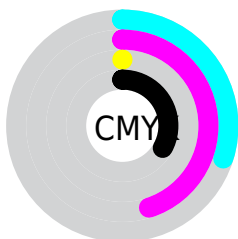
Blue (67%)



Red (47%)

Yellow (37%)

Blue (67%)

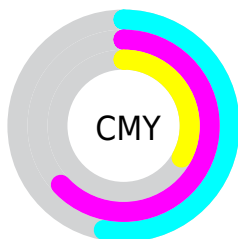


Cyan (30%)

Magenta (45%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (63%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785EAB 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 785EAB by changing the saturation by 10% instead.

785EAB

785EAB

FFFFFF

5E4690

AE91E3

442F76

CAACFF

2B195D

E7C7FF

100345

FFE3FF

00002E

000118

000000

785EAB

785EAB

6D4DAB

836FAB

613CAB

8F80AB

562BAB

9A91AB

4B1AAB

A5A2AB

3F08AB

B1B3AB

3A00AB

BCC5AB

C7D6AB

D3E7AB

DEF8AB

Harmonies

Analogous

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



236EB9



785EAB



A14E8C

Triad

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



785EAB



995E22



007F73

Complementary

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



785EAB



91AB5E

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.



007C4B



785EAB



796D15

Square

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



785EAB



AE4F40



507728



007D99

Rectangle

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



785EAB



AF4872



507728



007E65

Sweetspot

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



785EAB



C9BFDE



5E91AB



645D70



F0F0F0



707070

Same Dimension

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



785EAB



8F66DE



9E5EAB



514E57



330096



080017

Inverse Universe

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



AB5E91



DE66B5



6BAB5E



574E54



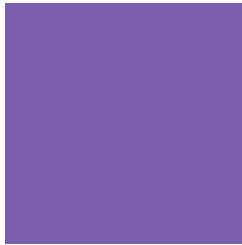
960064



17000F

Previews

White Background



This preview shows how the Hex color 785EAB looks on a white background.

Color Contrast Check

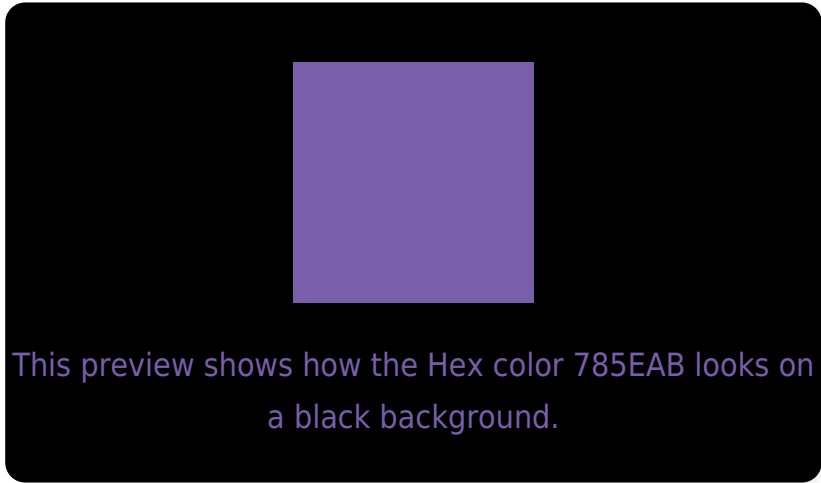
Large Text (above 18pt) WCAG AA ✓ Pass

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 785EAB Background



This preview shows how black text looks on a background with the Hex color 785EAB.

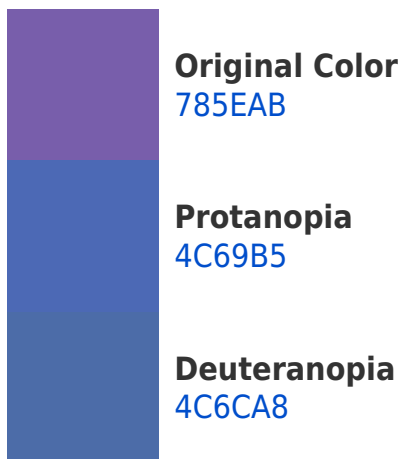


This preview shows how white text looks on a background with the Hex color 785EAB.

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
6D6B73

Trichromacy



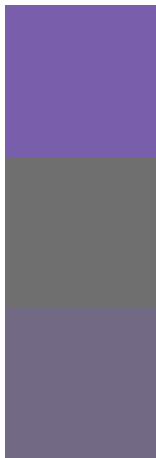
Original Color
785EAB

Protanomaly
5C65B1

Deuteranomaly
5C67A9

Tritanomaly
716687

Monochromacy



Original Color
785EAB

Achromatopsia
6F6F6F

Achromatomaly
726985

CSS Examples

Text

The CSS property to change the color of the text to Hex 785EAB 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 #785EAB looks like.

```
.text, #text, p{  
    color:#785EAB  
}
```

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 #785EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785EAB
}
```

Border

The CSS property to change the border of an element to Hex 785EAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

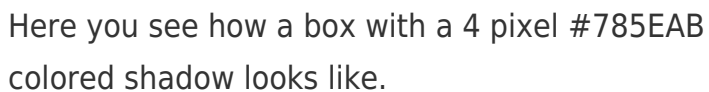
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785EAB }
```

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

```
.border{ border-color:#785EAB }
```

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



Here you see how a box with a 4 pixel #785EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785EAB; -webkit-box-shadow:4px 4px  
4px 4px #785EAB; box-shadow:4px 4px 4px  
4px #785EAB }
```

Background

The CSS property to change the background color of an element to Hex 785EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785EAB }
```

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

```
.background{ background-color:#785EAB }
```

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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