

Converting Colors

Hex(826EC1)

Have a look what the booklet for
Hex(826EC1) contains.

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Color

Hex(826EC1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 826EC1 |
| RGB | 130, 110, 193 |
| RGB Percent | 51%, 43%, 76% |
| CMY | 0.4902, 0.5686, 0.2431 |
| CMYK | 0.33, 0.43, 0.00, 0.24 |
| HSL | 254°, 40%, 59% |
| HSV | 254°, 43%, 76% |
| XYZ | 24.4075, 19.7479, 52.9774 |
| YIQ | 125.4420, -14.7230, 30.0530 |

Conversions

Conversions Part 2

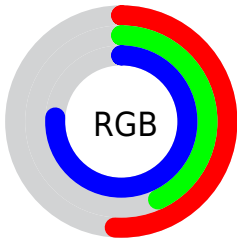
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 130, 110, 193 |
| Decimal | 8548033 |
| CIE _{Lab} | 51.55, 26.64, -40.84 |
| CIE _{LCh} | 52, 48.758, 303.118 |
| Yxy | 19.7479, 0.2513, 0.2033 |
| Android (android.graphics.Color) | 4286738113 (0xFF826EC1) |
| YUV | 125.4420, 33.3061, 3.9974 |
| Hunter-Lab | 44.4387, 20.2717, -39.5753 |

Details

The Hex color **826EC1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ADC16E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B9A2FA**, and **4D3E8B** is the 20% darker color. If you saturate the color by 10%, you get **735BC1**, and if you desaturate by 10%, it is **9181C1**.

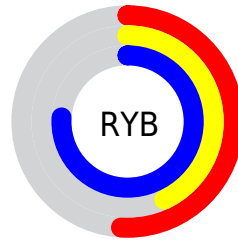
Distribution



Red (51%)

Green (43%)

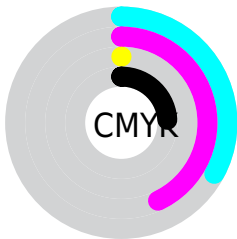
Blue (76%)



Red (51%)

Yellow (43%)

Blue (76%)

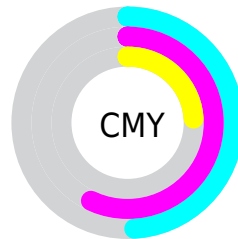


Cyan (33%)

Magenta (43%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 826EC1 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 826EC1 by changing the saturation by 10% instead.

■ 826EC1

■ 826EC1

FFFFFF

■ 6755A6

■ B9A2FA

■ 4D3E8B

■ D5BDFF

■ 332871

■ F2D9FF

■ 171358

■ FFF5FF

■ 000040

■ 000329

■ 000113

■ 000000

■ 826EC1

■ 826EC1

735BC1

9181C1

6547C1

9F95C1

5634C1

AEA8C1

4721C1

BDBBC1

390EC1

CBCFC1

2F00C1

DAE2C1

E9F5C1

F7FFC1

FFFFC1

Harmonies

Analogous

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



227ECE



826EC1



B15DA1

Triad

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



826EC1



AF6B2F



008F7E

Complementary

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



826EC1



ADC16E

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.



1F8C53



826EC1



8D7A20

Square

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



826EC1



C45B50



628630



008EA7

Rectangle

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



826EC1



C25686



628630



008F70

Sweetspot

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



826EC1



E1D9FA



6EAEC1



6E697D



FCFCFC



7D7D7D

Same Dimension

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



826EC1



9778FA



AB6EC1



5A5761



2700A1



080021

Inverse Universe

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



C16EAD



FA78DB



84C16E



61575F



A1007A



210019

Previews

White Background



This preview shows how the Hex color 826EC1 looks on a white background.

Color Contrast Check

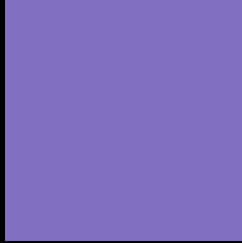
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 826EC1 looks on a 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 826EC1 Background



This preview shows how black text looks on a background with the Hex color 826EC1.



This preview shows how white text looks on a background with the Hex color 826EC1.

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](#).

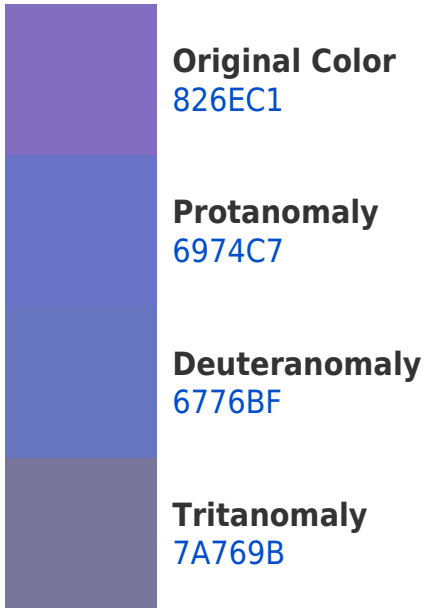
Dichromacy





Tritanopia
767B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 826EC1 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 #826EC1 looks like.

```
.text, #text, p{  
    color:#826EC1  
}
```

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 #826EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826EC1
}
```

Border

The CSS property to change the border of an element to Hex 826EC1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

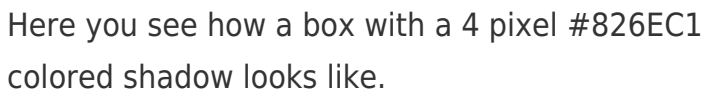
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826EC1 }
```

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

```
.border{ border-color:#826EC1 }
```

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



Here you see how a box with a 4 pixel #826EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826EC1; -webkit-box-shadow:4px 4px  
4px 4px #826EC1; box-shadow:4px 4px 4px  
4px #826EC1 }
```

Background

The CSS property to change the background color of an element to Hex 826EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826EC1 }
```

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

```
.background{ background-color:#826EC1 }
```

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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