

# Converting Colors

Hex(826CD4)

Have a look what the booklet for  
Hex(826CD4) contains.

<b>Hex(826CD4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(826CD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	826CD4
RGB	130, 108, 212
RGB Percent	51%, 42%, 83%
CMY	0.4902, 0.5765, 0.1686
CMYK	0.39, 0.49, 0.00, 0.17
HSL	253°, 55%, 63%
HSV	253°, 49%, 83%
XYZ	26.4521, 20.2244, 64.7969
YIQ	126.4340, -20.2720, 37.0080

# Conversions

## Conversions Part 2

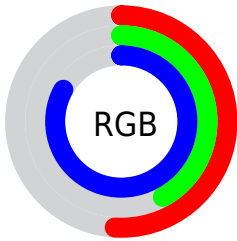
Format	Color
<a href="#">RYB</a>	<a href="#">130, 108, 212</a>
Decimal	<a href="#">8547540</a>
CIELab	<a href="#">52.09, 32.95, -50.83</a>
CIELCh	<a href="#">52, 60.578, 302.956</a>
Yxy	<a href="#">20.2244, 0.2373, 0.1814</a>
Android (android.graphics.Color)	<a href="#">4286737620 (0xFF826CD4)</a>
YUV	<a href="#">126.4340, 42.1840, 3.1274</a>
Hunter-Lab	<a href="#">44.9716, 26.2930, -53.9474</a>

# Details

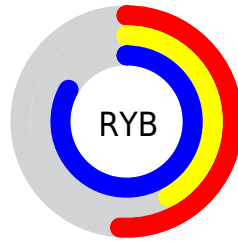
The Hex color **826CD4** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **BED46C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BAA0FF**, and **4B3C9D** is the 20% darker color. If you saturate the color by 10%, you get **7157D4**, and if you desaturate by 10%, it is **9381D4**.

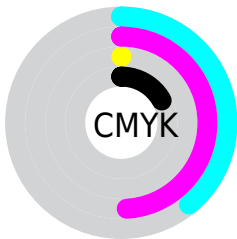
# Distribution



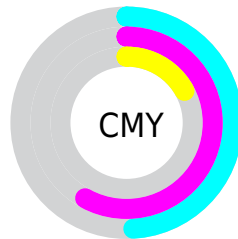
- Red (51%)
- Green (42%)
- Blue (83%)



- Red (51%)
- Yellow (42%)
- Blue (83%)



- Cyan (39%)
- Magenta (49%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (58%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826CD4 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 826CD4 by changing the saturation by 10% instead.



■ 826CD4

■ 826CD4

FFFFFF

■ 6653B8

■ BAA0FF

■ 4B3C9D

■ D7BBFF

■ 2E2582

■ F5D7FF

■ 061068

■ FFF3FF

■ 000050

■ 000538

■ 000221

■ 000007

■ 000000

826CD4

826CD4

7157D4

9381D4

6142D4

A396D4

502CD4

B4ACD4

3F17D4

C5C1D4

2E02D4

D6D6D4

2D00D4

E6EBD4

F7FFD4

FFFFD4

# Harmonies

## Analogous

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



0081E5



826CD4



BE53AC

# Triad

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



826CD4



B96819



009480

# Complementary

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



826CD4



BED46C

# 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.



00914A



826CD4



907C00

# Square

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



826CD4



D35147



5B8917



0093B4

# Rectangle

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



826CD4



D2488B



5B8917



00936E



# Sweetspot

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



826CD4



E1D9FF



6CBFD4



6D6980



000000



808080



# Same Dimension

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



826CD4



8869FF



B56CD4



63606B



2400AB



09002B



# Inverse Universe

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



D46CBE



FF69DF



8BD46C



6B6069



AB0087

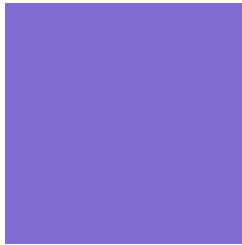


2B0022



# Previews

## White Background



This preview shows how the Hex color 826CD4 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

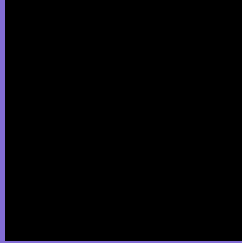
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 826CD4 Background



This preview shows how black text looks on a background with the Hex color 826CD4.

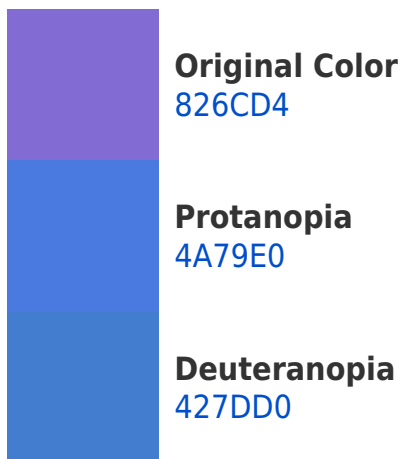


This preview shows how white text looks on a background with the Hex color 826CD4.

# 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](#).

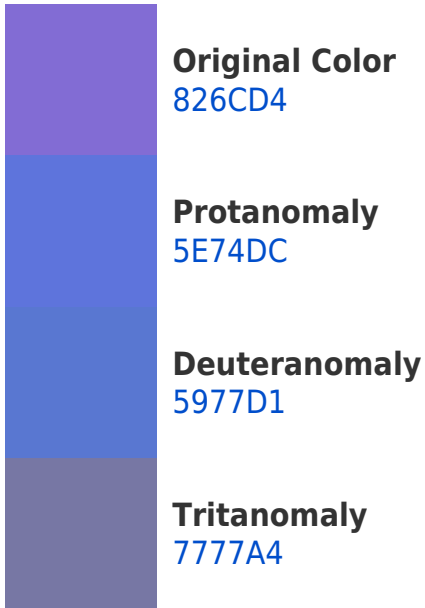
## Dichromacy





**Tritanopia**  
717E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826CD4 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 #826CD4 looks like.

```
.text, #text, p{  
    color:#826CD4  
}
```

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 #826CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826CD4
}
```

## Border

The CSS property to change the border of an element to Hex 826CD4 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
#826CD4 }
```

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

```
.border{ border-color:#826CD4 }
```

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

Here you see how a box with a 4 pixel #826CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826CD4; -webkit-box-shadow:4px 4px  
4px 4px #826CD4; box-shadow:4px 4px 4px  
4px #826CD4 }
```

# Background

The CSS property to change the background color of an element to Hex 826CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826CD4 }
```

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

```
.background{ background-color:#826CD4 }
```

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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