

# Converting Colors

Hex(6826D9)

Have a look what the booklet for  
Hex(6826D9) contains.

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# Color

Hex(6826D9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6826D9
RGB	104, 38, 217
RGB Percent	41%, 15%, 85%
CMY	0.5922, 0.8510, 0.1490
CMYK	0.52, 0.82, 0.00, 0.15
HSL	262°, 70%, 50%
HSV	262°, 82%, 85%
XYZ	18.9264, 9.3390, 66.4507
YIQ	78.1400, -18.1230, 69.6610

# Conversions

## Conversions Part 2

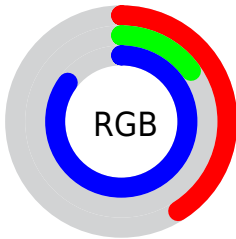
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 38, 217
Decimal	6825689
CIELab	36.63, 65.13, -78.91
CIELCh	37, 102.311, 309.535
Yxy	9.3390, 0.1998, 0.0986
Android (android.graphics.Color)	4285015769 (0xFF6826D9)
YUV	78.1400, 68.4580, 22.6792
Hunter-Lab	30.5598, 57.0695, -107.5310

# Details

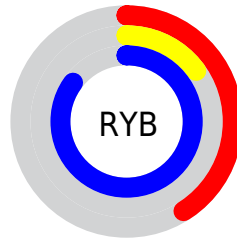
The Hex color **6826D9** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **97D926**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A55DFF**, and **1E00A1** is the 20% darker color. If you saturate the color by 10%, you get **5A10D9**, and if you desaturate by 10%, it is **763CD9**.

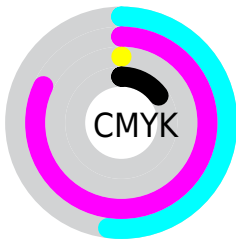
# Distribution



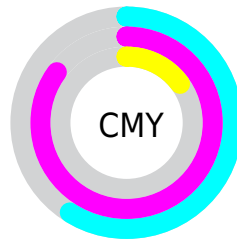
- Red (41%)
- Green (15%)
- Blue (85%)



- Red (41%)
- Yellow (15%)
- Blue (85%)



- Cyan (52%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (85%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6826D9 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 6826D9 by changing the saturation by 10% instead.



 6826D9

 6826D9

FFFFFF

 4700BC

 A55DFF

 1E00A1

 C478FF

 000085

 E294FF

 00006B

 FFAFFF

 000552

 FFC0FF

 00053A

 FFE9FF

 000223

 00000A

 000000

 6826D9

 6826D9

 5A10D9

 763CD9

 5000D9

 8351D9

 9167D9

 9F7DD9

 AC93D9

 BAA8D9

 C8BED9

 D6D4D9

 E3E9D9

# Harmonies

## Analogous

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



005CFF



6826D9



C30092

# Triad

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



6826D9



953A00



007270

# Complementary

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



6826D9



97D926

# 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.



006F11



6826D9



525C00

# Square

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



6826D9



C50000



006A00



0073C0

# Rectangle

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



6826D9



D7005C



006A00



007153



# Sweetspot

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



6826D9



D7BFFF



2697D9



675980



000000



808080



# Same Dimension

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



6826D9



6003FF



C126D9



67636E



4000AD



11002E



# Inverse Universe

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



D92697



FF03A2



3ED926



6E636A



AD006D



2E001D



# Previews

## White Background



This preview shows how the Hex color 6826D9 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

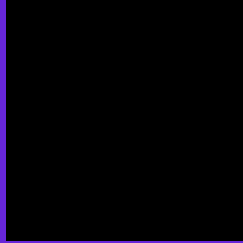
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6826D9 Background



This preview shows how black text looks on a background with the Hex color 6826D9.

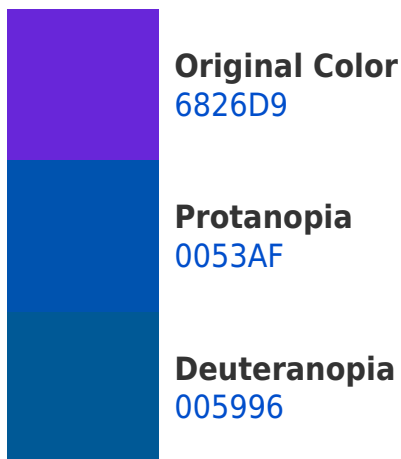



This preview shows how white text looks on a background with the Hex color 6826D9.

# 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**  
435A61

# Trichromacy



**Original Color**  
6826D9



**Protanomaly**  
2643BE



**Deuteranomaly**  
2646AE



**Tritanomaly**  
50478D

# Monochromacy



**Original Color**  
6826D9



**Achromatopsia**  
4E4E4E



**Achromatomaly**  
573F81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6826D9 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 #6826D9 looks like.

```
.text, #text, p{  
    color:#6826D9  
}
```

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 #6826D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6826D9
}
```

## Border

The CSS property to change the border of an element to Hex 6826D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

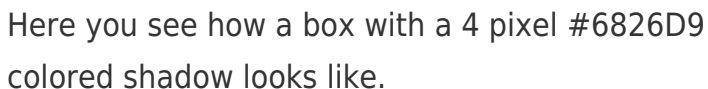
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6826D9 }
```

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

```
.border{ border-color:#6826D9 }
```

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



Here you see how a box with a 4 pixel #6826D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6826D9; -webkit-box-shadow:4px 4px  
4px 4px #6826D9; box-shadow:4px 4px 4px  
4px #6826D9 }
```

# Background

The CSS property to change the background color of an element to Hex 6826D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6826D9 }
```

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

```
.background{ background-color:#6826D9 }
```

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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