

# Converting Colors

Hex(4824D0)

Have a look what the booklet for  
Hex(4824D0) contains.

<b>Hex(4824D0)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4824D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4824D0
RGB	72, 36, 208
RGB Percent	28%, 14%, 82%
CMY	0.7176, 0.8588, 0.1843
CMYK	0.65, 0.83, 0.00, 0.18
HSL	253°, 70%, 48%
HSV	253°, 83%, 82%
XYZ	14.6885, 7.1935, 60.2888
YIQ	66.3720, -33.7560, 61.1240

# Conversions

## Conversions Part 2

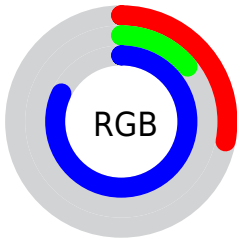
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 36, 208
Decimal	4728016
CIE <sub>Lab</sub>	32.24, 60.37, -81.05
CIE <sub>LCh</sub>	32, 101.066, 306.681
Yxy	7.1935, 0.1788, 0.0875
Android (android.graphics.Color)	4282918096 (0xFF4824D0)
YUV	66.3720, 69.8226, 4.9358
Hunter-Lab	26.8208, 50.8201, -114.5000

# Details

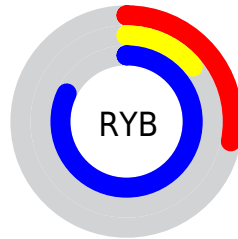
The Hex color **4824D0** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **ACD024**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8A58FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **380FD0**, and if you desaturate by 10%, it is **5839D0**.

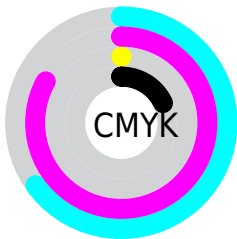
# Distribution



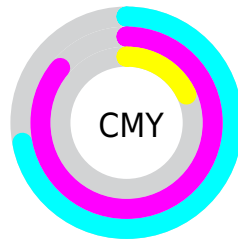
- Red (28%)
- Green (14%)
- Blue (82%)



- Red (28%)
- Yellow (14%)
- Blue (82%)



- Cyan (65%)
- Magenta (83%)
- Yellow (0%)
- Black (18%)



- Cyan (72%)
- Magenta (86%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4824D0 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 4824D0 by changing the saturation by 10% instead.



 4824D0

 4824D0

FFFFFF

 1B03B4

 8A58FF

 000098

 A872FF

 00007D

 C78DFF

 000063

 E6A8FF

 00094A

 FFC4FF

 000432

 FFE1FF

 00021C

FFFEFF

 000000

 4824D0

 4824D0

■ 380FD0

■ 5839D0

■ 2C00D0

■ 694ED0

■ 7962D0

■ 8A77D0

■ 9A8CD0

■ ABA1D0

■ BBB6D0

■ CCCAD0

■ DCDFD0

# Harmonies

## Analogous

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



0055F1



4824D0



B0008D

# Triad

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



4824D0



8D2900



00655D

# Complementary

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



4824D0



ACD024

# 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.



006300



4824D0



4E5000

# Square

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



4824D0



B90000



005E00



0067AC

# Rectangle

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



4824D0



C60059



005E00



006441



# Sweetspot

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



4824D0



CDBFFF



24AED0



615980



000000



808080



# Same Dimension

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



4824D0



3703FF



9C24D0



605E69



2300A8



090029



# Inverse Universe

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



D024AC



FF03CA



58D024



695E66



A80085

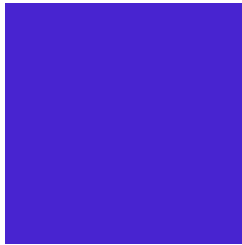


290020



# Previews

## White Background



This preview shows how the Hex color 4824D0 looks on a white background.

## Color Contrast Check

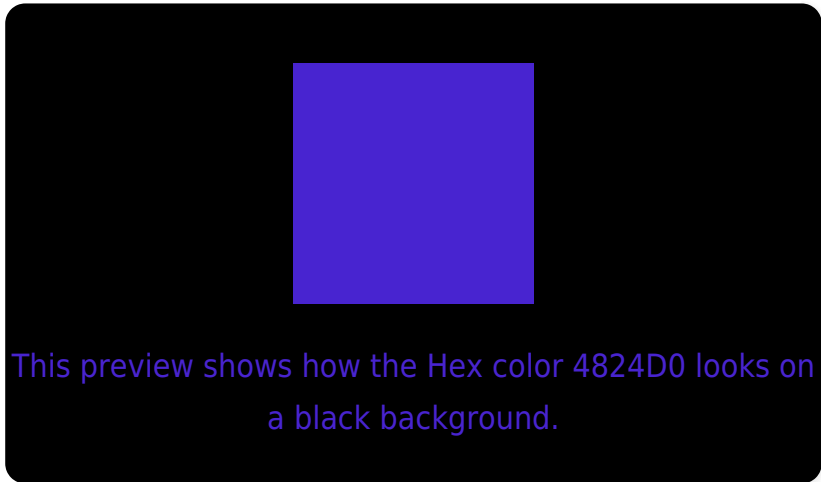
Large Text (above 18pt) WCAG AA ✓ Pass

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

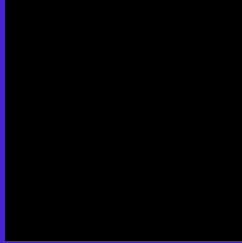
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4824D0 Background



This preview shows how black text looks on a background with the Hex color 4824D0.



This preview shows how white text looks on a background with the Hex color 4824D0.

# 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



**Original Color**  
4824D0

**Protanopia**  
00499A

**Deuteranopia**  
004E83



**Tritanopia**  
00545A

# Trichromacy



**Original Color**  
4824D0



**Protanomaly**  
1A3CAE



**Deuteranomaly**  
1A3F9F



**Tritanomaly**  
1A4385

# Monochromacy



**Original Color**  
4824D0



**Achromatopsia**  
424242



**Achromatomaly**  
443776

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4824D0 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 #4824D0 looks like.

```
.text, #text, p{  
    color:#4824D0  
}
```

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 #4824D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4824D0
}
```

## Border

The CSS property to change the border of an element to Hex 4824D0 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
#4824D0 }
```

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

```
.border{ border-color:#4824D0 }
```

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

Here you see how a box with a 4 pixel #4824D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4824D0; -webkit-box-shadow:4px 4px  
4px 4px #4824D0; box-shadow:4px 4px 4px  
4px #4824D0 }
```

# Background

The CSS property to change the background color of an element to Hex 4824D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4824D0 }
```

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

```
.background{ background-color:#4824D0 }
```

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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