

Converting Colors

Hex(4825D4)

Have a look what the booklet for
Hex(4825D4) contains.

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Color

Hex(4825D4)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4825D4 |
| RGB | 72, 37, 212 |
| RGB Percent | 28%, 15%, 83% |
| CMY | 0.7176, 0.8549, 0.1686 |
| CMYK | 0.66, 0.83, 0.00, 0.17 |
| HSL | 252°, 70%, 49% |
| HSV | 252°, 83%, 83% |
| XYZ | 15.2177, 7.4543, 62.9241 |
| YIQ | 67.4150, -35.3150, 61.8450 |

Conversions

Conversions Part 2

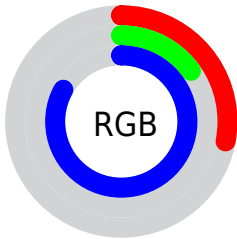
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 72, 37, 212 |
| Decimal | 4728276 |
| CIE _{Lab} | 32.82, 61.07, -82.42 |
| CIE _{LCh} | 33, 102.580, 306.539 |
| Yxy | 7.4543, 0.1778, 0.0871 |
| Android (android.graphics.Color) | 4282918356 (0xFF4825D4) |
| YUV | 67.4150, 71.2804, 4.0210 |
| Hunter-Lab | 27.3026, 51.7115, -117.5334 |

Details

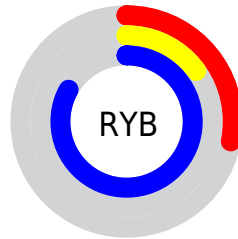
The Hex color **4825D4** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **B1D425**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8A59FF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **3710D4**, and if you desaturate by 10%, it is **593AD4**.

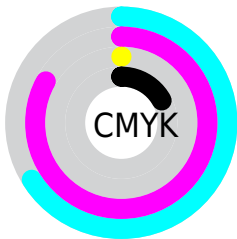
Distribution



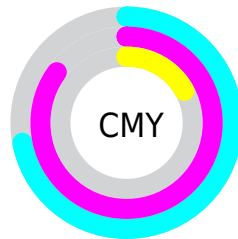
- Red (28%)
- Green (15%)
- Blue (83%)



- Red (28%)
- Yellow (15%)
- Blue (83%)



- Cyan (66%)
- Magenta (83%)
- Yellow (0%)
- Black (17%)



- Cyan (72%)
- Magenta (85%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4825D4 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 4825D4 by changing the saturation by 10% instead.

 4825D4

 4825D4

FFFFFF

 1904B8


 8A59FF

 00009C

 A973FF

 000081


 C88EFF

 000067

 E7AAFF

 000A4D

 FFC6FF

 000535

 FFE2FF

 00021F

 000003

 000000

■ 4825D4

■ 4825D4

■ 3710D4

■ 593AD4

■ 2A00D4

■ 6A4FD4

■ 7B65D4

■ 8C7AD4

■ 9D8FD4

■ AEA4D4

■ BFB9D4

■ D0CFD4

■ E1E4D4

Harmonies

Analogous

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



0057F5



4825D4



B30090

Triad

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



4825D4



8F2A00



00675E

Complementary

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



4825D4



B1D425

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.



006400



4825D4



4F5100

Square

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



4825D4



BC0000



005F00



0069AF

Rectangle

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



4825D4



CA005B



005F00



006641

Sweetspot

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



4825D4



CCBFFF



25B1D4



615980



000000



808080

Same Dimension

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



4825D4



3503FF



A025D4



63606B



2200AB



09002B

Inverse Universe

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



D425B1



FF03CD



5AD425



6B6069



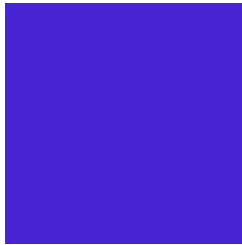
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 4825D4 looks on a white background.

Color Contrast Check

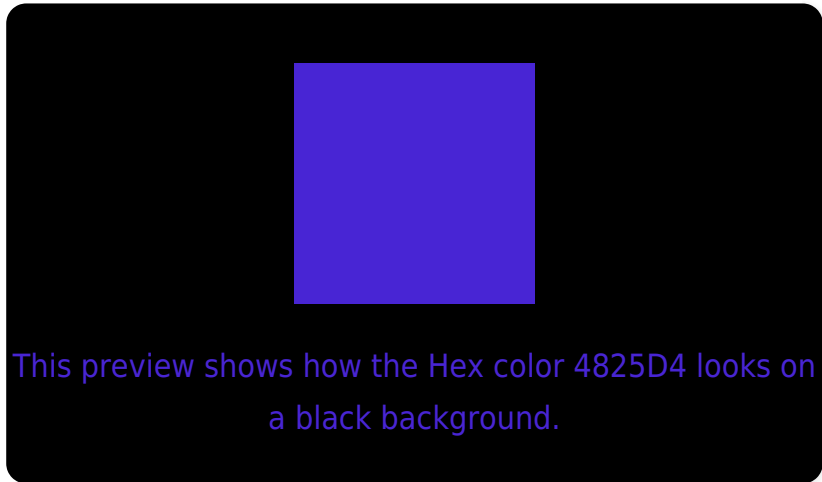
Large Text (above 18pt) WCAG AA ✓ Pass

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

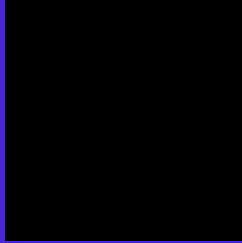
Any Text WCAG AA × Fail

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 4825D4 Background



This preview shows how black text looks on a background with the Hex color 4825D4.



This preview shows how white text looks on a background with the Hex color 4825D4.

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
4825D4

Protanopia
004A9C

Deuteranopia
004F85



Tritanopia
00565B

Trichromacy



Original Color
4825D4

Protanomaly
1A3DB0

Deuteranomaly
1A40A2

Tritanomaly
1A4487

Monochromacy



Original Color
4825D4

Achromatopsia
434343

Achromatomaly
453878

CSS Examples

Text

The CSS property to change the color of the text to Hex 4825D4 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 #4825D4 looks like.

```
.text, #text, p{  
    color:#4825D4  
}
```

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 #4825D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4825D4
}
```

Border

The CSS property to change the border of an element to Hex 4825D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

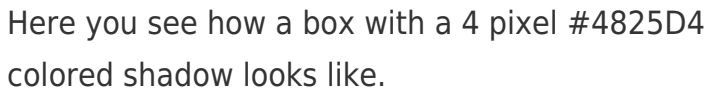
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4825D4 }
```

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

```
.border{ border-color:#4825D4 }
```

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



Here you see how a box with a 4 pixel #4825D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4825D4; -webkit-box-shadow:4px 4px  
4px 4px #4825D4; box-shadow:4px 4px 4px  
4px #4825D4 }
```

Background

The CSS property to change the background color of an element to Hex 4825D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4825D4 }
```

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

```
.background{ background-color:#4825D4 }
```

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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