

Converting Colors

Hex(490DBD)

Have a look what the booklet for
Hex(490DBD) contains.

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Color

Hex(490DBD)

Conversions

Conversions Part 1

Format	Color
Hex	490DBD
RGB	73, 13, 189
RGB Percent	29%, 5%, 74%
CMY	0.7137, 0.9490, 0.2588
CMYK	0.61, 0.93, 0.00, 0.26
HSL	260°, 87%, 40%
HSV	260°, 93%, 74%
XYZ	12.0769, 5.3784, 48.5457
YIQ	51.0040, -20.7360, 67.4560

Conversions

Conversions Part 2

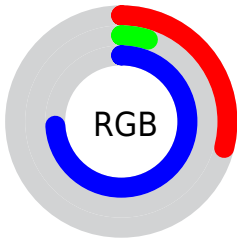
Format	Color
R _Y B	73, 13, 189
Decimal	4787645
CIE Lab	27.79, 62.63, -77.30
CIE LCh	28, 99.485, 309.017
Yxy	5.3784, 0.1830, 0.0815
Android (android.graphics.Color)	4282977725 (0xFF490DBD)
YUV	51.0040, 68.0320, 19.2905
Hunter-Lab	23.1915, 52.3683, -107.8753

Details

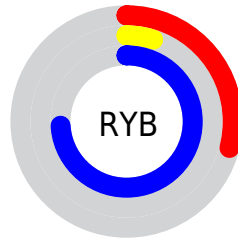
The Hex color **490DBD** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **81BD0D**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8848F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **4000BD**, and if you desaturate by 10%, it is **5520BD**.

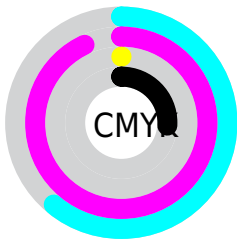
Distribution



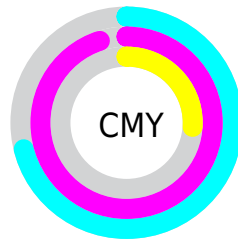
- Red (29%)
- Green (5%)
- Blue (74%)



- Red (29%)
- Yellow (5%)
- Blue (74%)



- Cyan (61%)
- Magenta (93%)
- Yellow (0%)
- Black (26%)



- Cyan (71%)
- Magenta (95%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490DBD 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 490DBD by changing the saturation by 10% instead.

490DBD

490DBD

FFFFFF

2100A1

8848F7

000086

A663FF

00006C

C57EFF

000352

E399FF

00053A

FFB5FF

000224

FFD1FF

00000B

FFEEFF

000000

490DBD

490DBD

■ 4000BD

■ 5520BD

■ 6233BD

■ 6E46BD

■ 7B59BD

■ 876CBD

■ 947EBD

■ A091BD

■ ADA4BD

■ B9B7BD

Harmonies

Analogous

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



004AE0



490DBD



A5007A

Triad

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



490DBD



7A2400



005958

Complementary

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



490DBD



81BD0D

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.



005700



490DBD



3C4700

Square

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



490DBD



A60000



005300



005BA3

Rectangle

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



490DBD



B70048



005300



00583D

Sweetspot

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



490DBD



C8B0F5



0D82BD



5F517A



FAFAFA



7A7A7A

Same Dimension

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



490DBD



5300F5



A00DBD



58555E



36009E



0A001F

Inverse Universe

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



BD0D81



F500A1



2ABD0D



5E555B



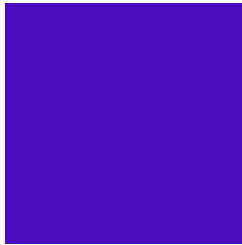
9E0068



1F0014

Previews

White Background



This preview shows how the Hex color 490DBD looks on a white background.

Color Contrast Check

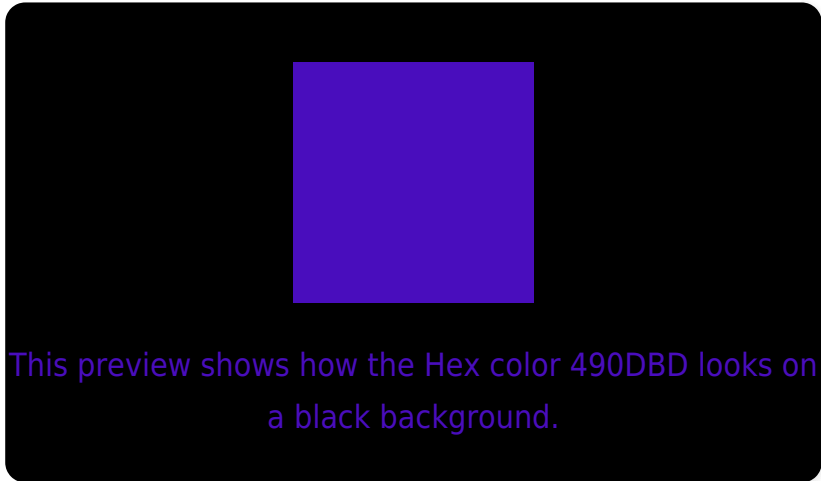
Large Text (above 18pt) WCAG AA ✓ Pass

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

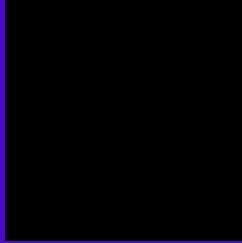
Any Text WCAG AA × Fail

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 490DBD Background



This preview shows how black text looks on a background with the Hex color 490DBD.



This preview shows how white text looks on a background with the Hex color 490DBD.

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
490DBD

Protanopia
004187

Deuteranopia
004573



Tritanopia
004A50

Trichromacy



Original Color
490DBD



Protanomaly
1B2E9B



Deuteranomaly
1B318E



Tritanomaly
1B3478

Monochromacy



Original Color
490DBD



Achromatopsia
333333



Achromatomaly
3B2565

CSS Examples

Text

The CSS property to change the color of the text to Hex 490DBD 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 #490DBD looks like.

```
.text, #text, p{  
    color:#490DBD  
}
```

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 #490DBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490DBD
}
```

Border

The CSS property to change the border of an element to Hex 490DBD 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
#490DBD }
```

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

```
.border{ border-color:#490DBD }
```

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

Here you see how a box with a 4 pixel #490DBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490DBD; -webkit-box-shadow:4px 4px  
4px 4px #490DBD; box-shadow:4px 4px 4px  
4px #490DBD }
```

Background

The CSS property to change the background color of an element to Hex 490DBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490DBD }
```

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

```
.background{ background-color:#490DBD }
```

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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