

Converting Colors

Hex(A475D0)

Have a look what the booklet for
Hex(A475D0) contains.

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Color

Hex(A475D0)

Conversions

Conversions Part 1

Format	Color
Hex	A475D0
RGB	164, 117, 208
RGB Percent	64%, 46%, 82%
CMY	0.3569, 0.5412, 0.1843
CMYK	0.21, 0.44, 0.00, 0.18
HSL	271°, 49%, 64%
HSV	271°, 44%, 82%
XYZ	33.0563, 25.1692, 62.7904
YIQ	141.4270, -1.1990, 38.2650

Conversions

Conversions Part 2

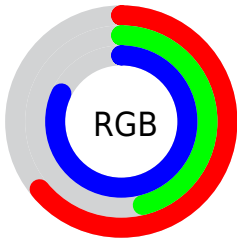
Format	Color
RYB	164, 117, 208
Decimal	10778064
CIELab	57.24, 35.93, -40.20
CIELCh	57, 53.915, 311.794
Yxy	25.1692, 0.2732, 0.2080
Android (android.graphics.Color)	4288968144 (0xFFA475D0)
YUV	141.4270, 32.8205, 19.7965
Hunter-Lab	50.1689, 29.8182, -39.0880

Details

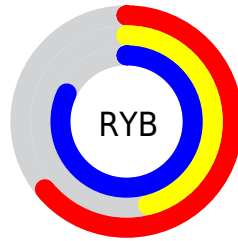
The Hex color **A475D0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A1D075**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **DCAAFF**, and **6E4399** is the 20% darker color. If you saturate the color by 10%, you get **9A60D0**, and if you desaturate by 10%, it is **AE8AD0**.

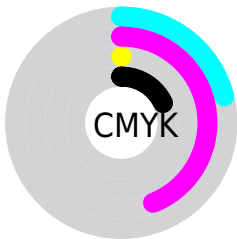
Distribution



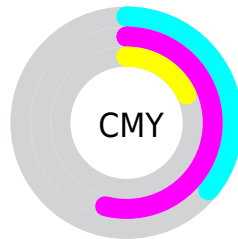
- Red (64%)
- Green (46%)
- Blue (82%)



- Red (64%)
- Yellow (46%)
- Blue (82%)



- Cyan (21%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A475D0 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 A475D0 by changing the saturation by 10% instead.

 A475D0

 A475D0

FFFFFF

 895CB4

 DCAAFF

 6E4399

 FAC6FF

 542C7F

 FFE2FF

 3A1465

 20004D

 070036

 00021F

 000002

 000000

 A475D0

 A475D0

 9A60D0

 AE8AD0

 904BD0

 B89FD0

 8637D0

 C2B3D0

 7C22D0

 CCC8D0

 720DD0

 D6DDD0

 6B00D0

 E0F2D0

 EAFFD0

 F4FFD0

 FFFF00

Harmonies

Analogous

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



5188E6



A475D0



D063A8

Triad

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



A475D0



BA7D2C



00A09B

Complementary

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



A475D0



A1D075

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.



009E6A



A475D0



918D24

Square

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



A475D0



D66A4D



5D983F



009EC7

Rectangle

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



A475D0



DD5E89



5D983F



00A08B

Sweetspot

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



A475D0



EFDEFF



75A3D0



766B80



000000



808080

Same Dimension

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



A475D0



BE78FF



D075D0



635E69



5700A8



150029

Inverse Universe

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



D075A1



FF78B9



75D075



695E63



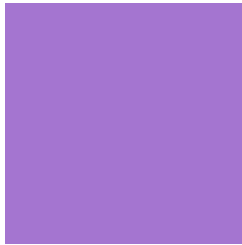
A80051



290014

Previews

White Background



This preview shows how the Hex color A475D0 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

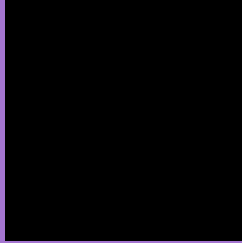
Any Text WCAG AA ✓ Pass

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 A475D0 Background



This preview shows how black text looks on a background with the Hex color A475D0.

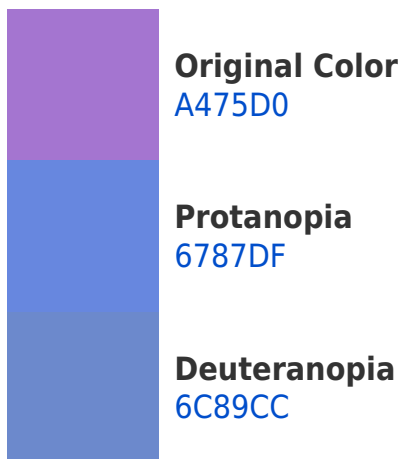


This preview shows how white text looks on a background with the Hex color A475D0.

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](#).

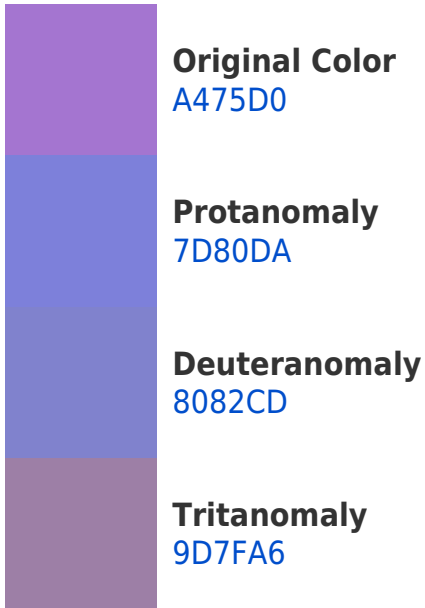
Dichromacy



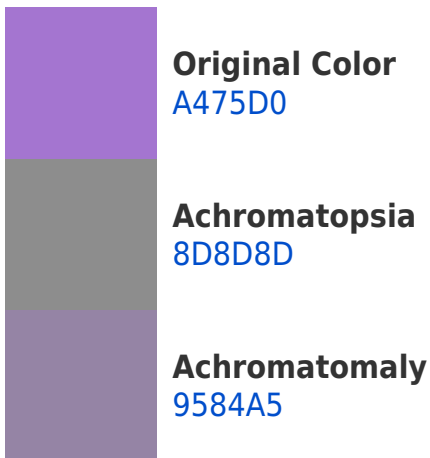


Tritanopia
99848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A475D0 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 #A475D0 looks like.

```
.text, #text, p{  
    color:#A475D0  
}
```

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 #A475D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A475D0
}
```

Border

The CSS property to change the border of an element to Hex A475D0 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
#A475D0 }
```

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

```
.border{ border-color:#A475D0 }
```

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

Here you see how a box with a 4 pixel #A475D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A475D0; -webkit-box-shadow:4px 4px  
4px 4px #A475D0; box-shadow:4px 4px 4px  
4px #A475D0 }
```

Background

The CSS property to change the background color of an element to Hex A475D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A475D0 }
```

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

```
.background{ background-color:#A475D0 }
```

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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