

Converting Colors

Hex(A45BD0)

Have a look what the booklet for
Hex(A45BD0) contains.

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Color

Hex(A45BD0)

Conversions

Conversions Part 1

Format	Color
Hex	A45BD0
RGB	164, 91, 208
RGB Percent	64%, 36%, 82%
CMY	0.3569, 0.6431, 0.1843
CMYK	0.21, 0.56, 0.00, 0.18
HSL	277°, 55%, 59%
HSV	277°, 56%, 82%
XYZ	30.4361, 19.9288, 61.9170
YIQ	126.1650, 5.9510, 51.8630

Conversions

Conversions Part 2

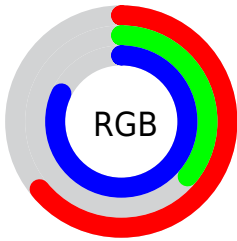
Format	Color
RYB	164, 91, 208
Decimal	10771408
CIELab	51.76, 50.02, -48.87
CIELCh	52, 69.934, 315.663
Yxy	19.9288, 0.2711, 0.1775
Android (android.graphics.Color)	4288961488 (0xFFA45BD0)
YUV	126.1650, 40.3447, 33.1813
Hunter-Lab	44.6416, 43.5762, -50.9848

Details

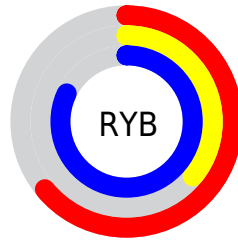
The Hex color **A45BD0** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **87D05B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DD90FF**, and **6D2799** is the 20% darker color. If you saturate the color by 10%, you get **9C46D0**, and if you desaturate by 10%, it is **AC70D0**.

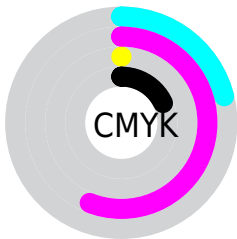
Distribution



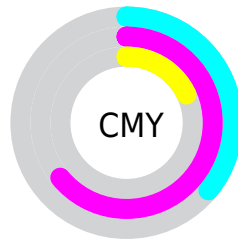
- Red (64%)
- Green (36%)
- Blue (82%)



- Red (64%)
- Yellow (36%)
- Blue (82%)



- Cyan (21%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A45BD0 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 A45BD0 by changing the saturation by 10% instead.

 A45BD0

 A45BD0

FFFFFF

 8841B4

 DD90FF

 6D2799

 FBABFF

 52077E

 FFC7FF

 370065

 FFE4FF

 1E004C

 000034

 00021E

 000000

 A45BD0

 A45BD0

9C46D0

AC70D0

9431D0

B485D0

8D1DD0

BB99D0

8508D0

C3AED0

8200D0

CBC3D0

D3D8D0

DBEDD0

E3FFD0

EAFDD0

Harmonies

Analogous

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



1A78F0



A45BD0



D73B9B

Triad

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



A45BD0



AD6E00



00969A

Complementary

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



A45BD0



87D05B

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.



00945C



A45BD0



788200

Square

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



A45BD0



D35226



298E1A



0094D0

Rectangle

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



A45BD0



E33373



298E1A



009685

Sweetspot

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



A45BD0



EFD4FF



5B88D0



766680



000000



808080

Same Dimension

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



A45BD0



BE52FF



D05BC2



655E69



6900A8



190029

Inverse Universe

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



D05B87



FF5293



5BD069



695E62



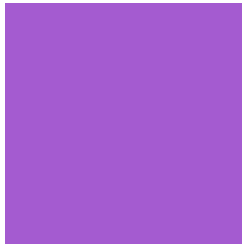
A8003F



29000F

Previews

White Background



This preview shows how the Hex color A45BD0 looks on a white background.

Color Contrast Check

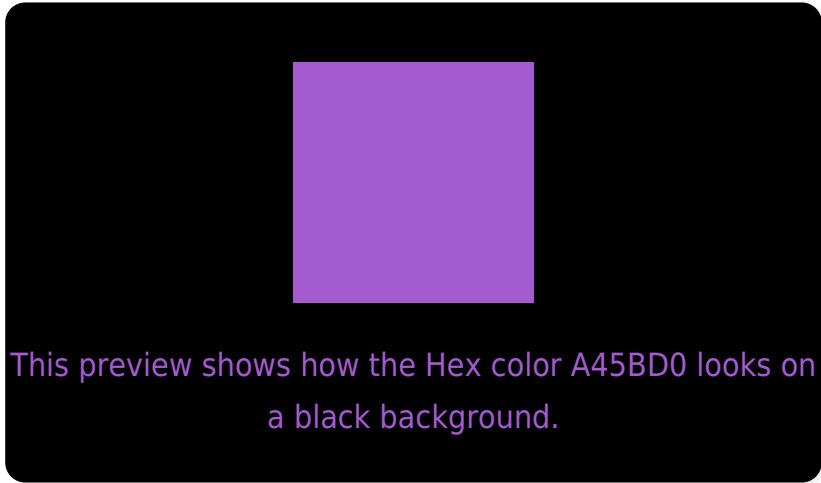
Large Text (above 18pt) WCAG AA ✓ Pass

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

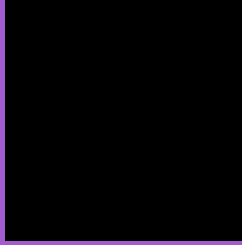
Any Text WCAG AA ✓ Pass

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 A45BD0 Background



This preview shows how black text looks on a background with the Hex color A45BD0.

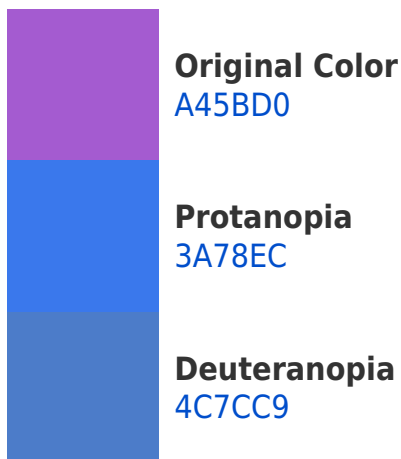


This preview shows how white text looks on a background with the Hex color A45BD0.

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](#).

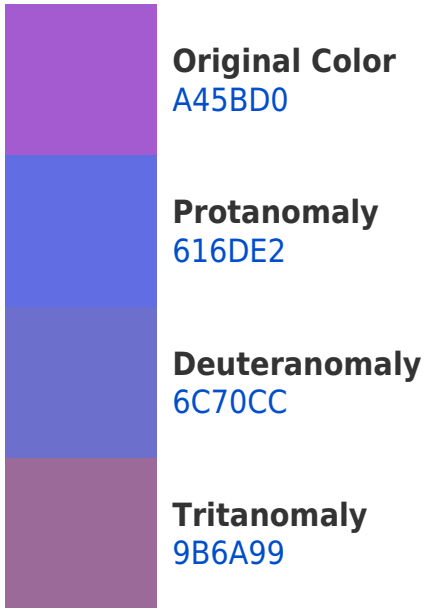
Dichromacy





Tritanopia
96727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A45BD0 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 #A45BD0 looks like.

```
.text, #text, p{  
    color:#A45BD0  
}
```

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 #A45BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45BD0
}
```

Border

The CSS property to change the border of an element to Hex A45BD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

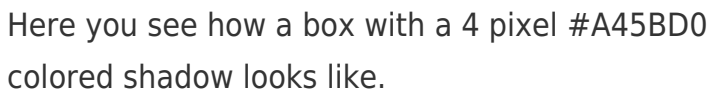
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45BD0 }
```

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

```
.border{ border-color:#A45BD0 }
```

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



Here you see how a box with a 4 pixel #A45BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45BD0; -webkit-box-shadow:4px 4px  
4px 4px #A45BD0; box-shadow:4px 4px 4px  
4px #A45BD0 }
```

Background

The CSS property to change the background color of an element to Hex A45BD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45BD0 }
```

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

```
.background{ background-color:#A45BD0 }
```

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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