

# Converting Colors

Hex(A45FD0)

Have a look what the booklet for  
Hex(A45FD0) contains.

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# Color

**Hex(A45FD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A45FD0
RGB	164, 95, 208
RGB Percent	64%, 37%, 82%
CMY	0.3569, 0.6275, 0.1843
CMYK	0.21, 0.54, 0.00, 0.18
HSL	277°, 55%, 59%
HSV	277°, 54%, 82%
XYZ	30.7872, 20.6310, 62.0340
YIQ	128.5130, 4.8510, 49.7710

# Conversions

## Conversions Part 2

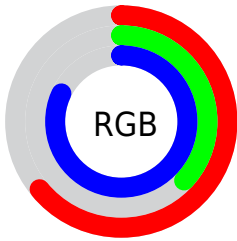
Format	Color
<a href="#">RYB</a>	<a href="#">164, 95, 208</a>
Decimal	<a href="#">10772432</a>
CIELab	<a href="#">52.54, 47.94, -47.62</a>
CIELCh	<a href="#">53, 67.573, 315.190</a>
Yxy	<a href="#">20.6310, 0.2714, 0.1818</a>
Android (android.graphics.Color)	<a href="#">4288962512</a> ( <a href="#">0xFFA45FD0</a> )
YUV	<a href="#">128.5130, 39.1871, 31.1221</a>
Hunter-Lab	<a href="#">45.4214, 41.5024, -49.1801</a>

# Details

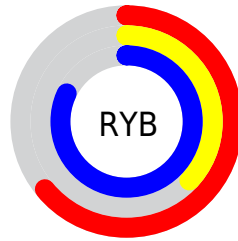
The Hex color **A45FD0** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **8BD05F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DD94FF**, and **6D2C99** is the 20% darker color. If you saturate the color by 10%, you get **9C4AD0**, and if you desaturate by 10%, it is **AC74D0**.

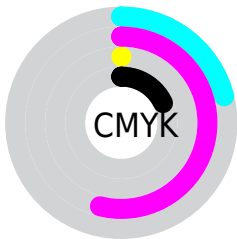
# Distribution



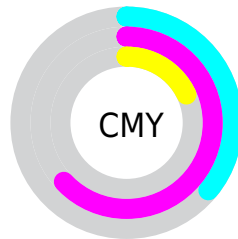
- Red (64%)
- Green (37%)
- Blue (82%)



- Red (64%)
- Yellow (37%)
- Blue (82%)



- Cyan (21%)
- Magenta (54%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (63%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A45FD0 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 A45FD0 by changing the saturation by 10% instead.



 A45FD0

 A45FD0

FFFFFF

 8845B4

 DD94FF

 6D2C99

 FBAFFF

 520F7E

 FFCBFF


 370065

 FFE8FF

 1E004C

 000035

 00021E

 000001

 000000

 A45FD0

 A45FD0

 9C4AD0

 AC74D0

 9435D0

 B489D0

 8C21D0

 BC9DD0

 840CD0

 C4B2D0

 7F00D0

 CCC7D0

 D5DCD0

 DDF1D0

 E5FFD0

 EDFFD0

# Harmonies

## Analogous

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



287AEE



A45FD0



D6429D

# Triad

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



A45FD0



AF7000



00979A

# Complementary

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



A45FD0



8BD05F

# 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.



00965E



A45FD0



7C8400

# Square

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



A45FD0



D3552C



339021



0095CF

# Rectangle

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



A45FD0



E23B76



339021



009786



# Sweetspot

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



A45FD0



EFD6FF



5F8CD0



766780



000000



808080



# Same Dimension

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



A45FD0



BE59FF



D05FC5



645E69



6700A8



190029



# Inverse Universe

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



D05F8B



FF599A



5FD06A



695E62



A80042

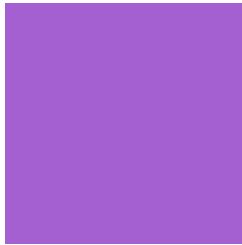


290010



# Previews

## White Background



This preview shows how the Hex color A45FD0 looks on a white background.

## Color Contrast Check

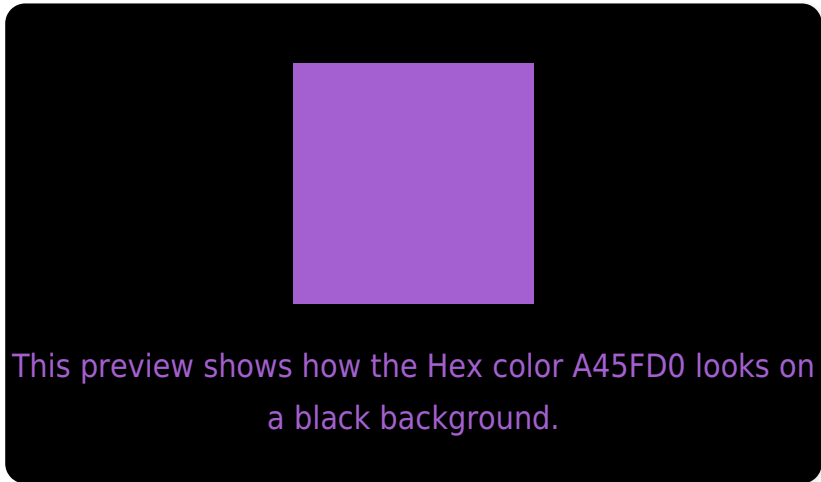
Large Text (above 18pt) WCAG AA ✓ Pass

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

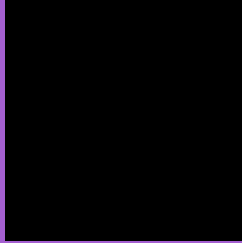
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A45FD0 Background



This preview shows how black text looks on a background with the Hex color A45FD0.

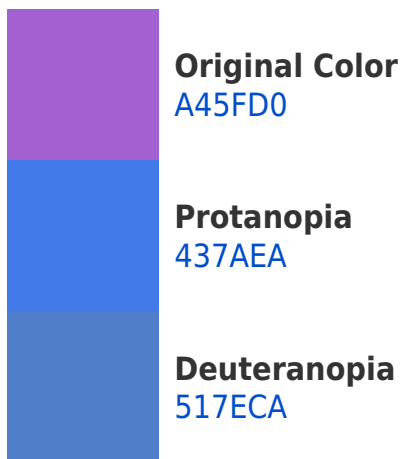


This preview shows how white text looks on a background with the Hex color A45FD0.

# 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](#).

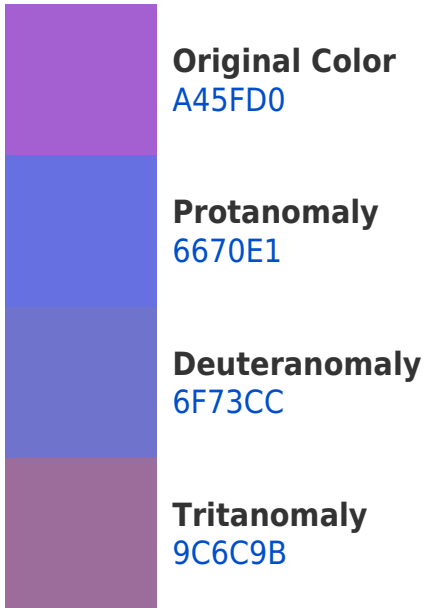
## Dichromacy



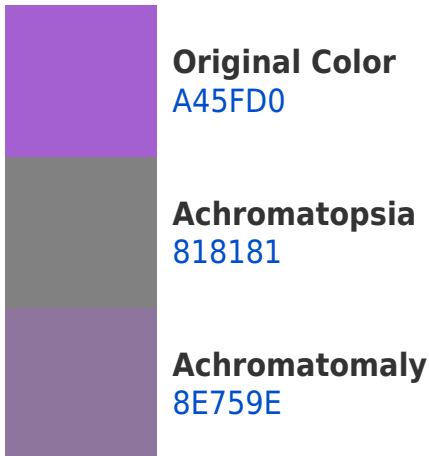


**Tritanopia**  
97747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A45FD0 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 #A45FD0 looks like.

```
.text, #text, p{  
    color:#A45FD0  
}
```

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 #A45FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45FD0
}
```

## Border

The CSS property to change the border of an element to Hex A45FD0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

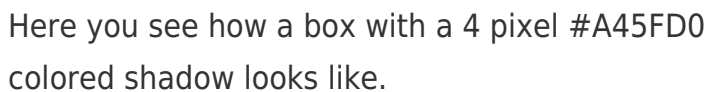
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45FD0 }
```

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

```
.border{ border-color:#A45FD0 }
```

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



Here you see how a box with a 4 pixel `#A45FD0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45FD0; -webkit-box-shadow:4px 4px  
4px 4px #A45FD0; box-shadow:4px 4px 4px  
4px #A45FD0 }
```

# Background

The CSS property to change the background color of an element to Hex A45FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45FD0 }
```

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

```
.background{ background-color:#A45FD0 }
```

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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