

Converting Colors

Hex(A45CCE)

Have a look what the booklet for
Hex(A45CCE) contains.

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Color

Hex(A45CCE)

Conversions

Conversions Part 1

Format	Color
Hex	A45CCE
RGB	164, 92, 206
RGB Percent	64%, 36%, 81%
CMY	0.3569, 0.6392, 0.1922
CMYK	0.20, 0.55, 0.00, 0.19
HSL	278°, 54%, 58%
HSV	278°, 55%, 81%
XYZ	30.2776, 20.0030, 60.6577
YIQ	126.5240, 6.3180, 50.7180

Conversions

Conversions Part 2

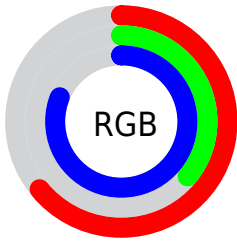
Format	Color
RYB	164, 92, 206
Decimal	10771662
CIELab	51.84, 49.06, -47.60
CIELCh	52, 68.358, 315.868
Yxy	20.0030, 0.2729, 0.1803
Android (android.graphics.Color)	4288961742 (0xFFA45CCE)
YUV	126.5240, 39.1817, 32.8665
Hunter-Lab	44.7248, 42.5718, -49.1044

Details

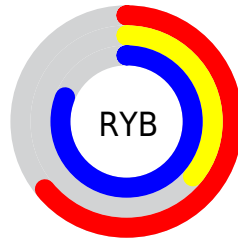
The Hex color **A45CCE** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **86CE5C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DD91FF**, and **6D2897** is the 20% darker color. If you saturate the color by 10%, you get **9C47CE**, and if you desaturate by 10%, it is **AC71CE**.

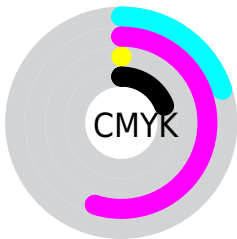
Distribution



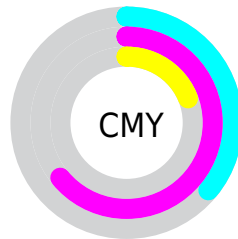
- Red (64%)
- Green (36%)
- Blue (81%)



- Red (64%)
- Yellow (36%)
- Blue (81%)



- Cyan (20%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (64%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color A45CCE 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 A45CCE by changing the saturation by 10% instead.

 A45CCE

 A45CCE

FFFFFF

 8842B2

 DD91FF

 6D2897

 FBACFF

 52097D

 FFC8FF

 370063

 FFE5FF

 1F004B

 000033

 00021D

 000000

 A45CCE

 A45CCE

9C47CE

AC71CE

9533CE

B385CE

8D1ECE

BB9ACE

860ACE

C2AECE

8200CE

CAC3CE

D2D8CE

D9ECCE

E1FFCE

E8FFCE

Harmonies

Analogous

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



2778ED



A45CCE



D53E9A

Triad

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



A45CCE



AC6F00



00969A

Complementary

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



A45CCE



86CE5C

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.



00945D



A45CCE



788200

Square

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



A45CCE



D15328



2C8E1E



0093CF

Rectangle

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



A45CCE



E13773



2C8E1E



009586

Sweetspot

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



A45CCE



EFD4FF



5C88CE



766680



000000



808080

Same Dimension

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



A45CCE



C157FF



CE5CC1



625C66



6900A6



180026

Inverse Universe

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



CE5C86



FF5795



5CCE69



665C60



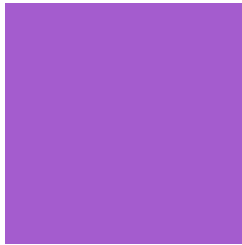
A6003D



26000E

Previews

White Background



This preview shows how the Hex color A45CCE looks on a white background.

Color Contrast Check

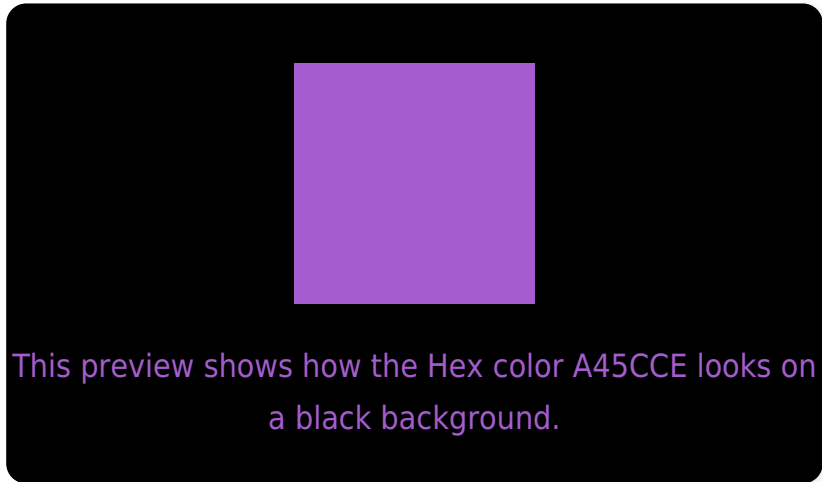
Large Text (above 18pt) WCAG AA ✓ Pass

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

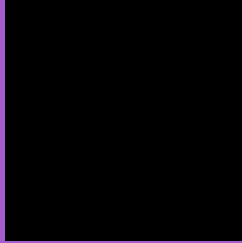
Any Text WCAG AA ✓ Pass

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 A45CCE Background



This preview shows how black text looks on a background with the Hex color A45CCE.

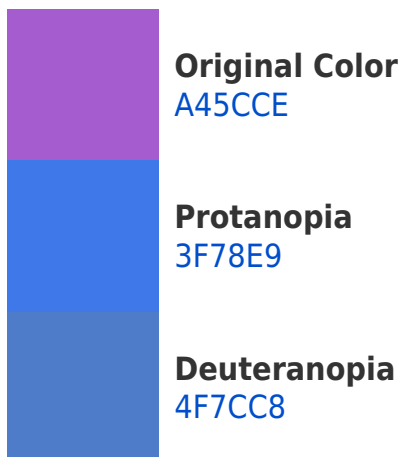


This preview shows how white text looks on a background with the Hex color A45CCE.

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](#).

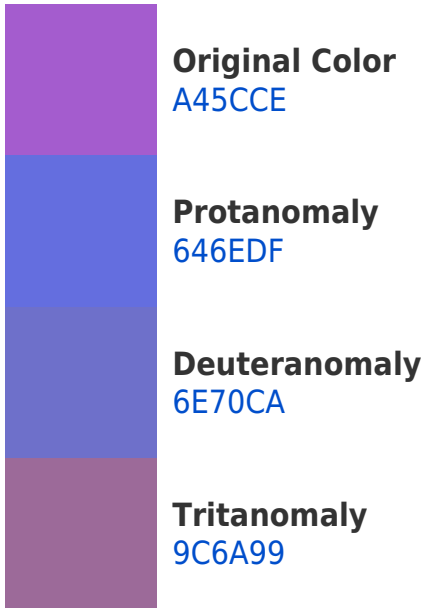
Dichromacy



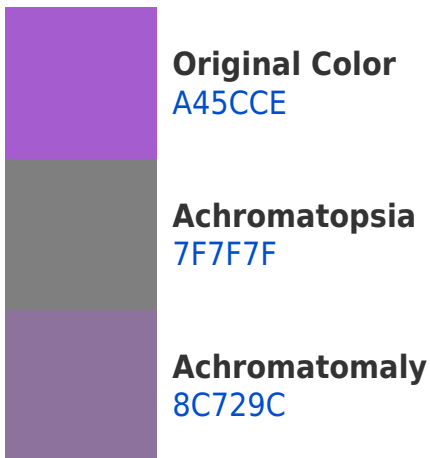


Tritanopia
97727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A45CCE 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 #A45CCE looks like.

```
.text, #text, p{  
    color:#A45CCE  
}
```

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 #A45CCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45CCE
}
```

Border

The CSS property to change the border of an element to Hex A45CCE 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
#A45CCE }
```

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

```
.border{ border-color:#A45CCE }
```

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

Here you see how a box with a 4 pixel #A45CCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45CCE; -webkit-box-shadow:4px 4px  
4px 4px #A45CCE; box-shadow:4px 4px 4px  
4px #A45CCE }
```

Background

The CSS property to change the background color of an element to Hex A45CCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45CCE }
```

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

```
.background{ background-color:#A45CCE }
```

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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