

# Converting Colors

Hex(A44DCE)

Have a look what the booklet for  
Hex(A44DCE) contains.

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# Color

**Hex(A44DCE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A44DCE
RGB	164, 77, 206
RGB Percent	64%, 30%, 81%
CMY	0.3569, 0.6980, 0.1922
CMYK	0.20, 0.63, 0.00, 0.19
HSL	280°, 57%, 55%
HSV	280°, 63%, 81%
XYZ	29.1043, 17.6565, 60.2666
YIQ	117.7190, 10.4430, 58.5630

# Conversions

## Conversions Part 2

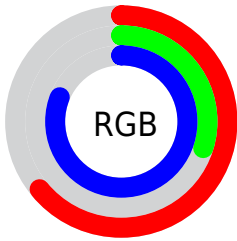
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 77, 206
Decimal	10767822
CIE Lab	49.08, 56.51, -52.01
CIE LCh	49, 76.798, 317.373
Yxy	17.6565, 0.2719, 0.1650
Android (android.graphics.Color)	4288957902 (0xFFA44DCE)
YUV	117.7190, 43.5225, 40.5884
Hunter-Lab	42.0196, 50.1011, -55.6228

# Details

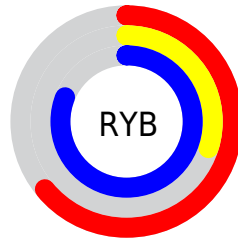
The Hex color **A44DCE** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **77CE4D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **DE83FF**, and **6C1297** is the 20% darker color. If you saturate the color by 10%, you get **9D38CE**, and if you desaturate by 10%, it is **AB62CE**.

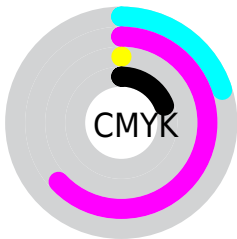
# Distribution



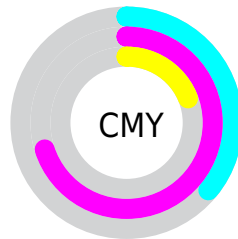
- Red (64%)
- Green (30%)
- Blue (81%)



- Red (64%)
- Yellow (30%)
- Blue (81%)



- Cyan (20%)
- Magenta (63%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (70%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A44DCE 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 A44DCE by changing the saturation by 10% instead.



 A44DCE

 A44DCE

FFFFFF

 8832B2

 DE83FF

 6C1297

 FB9EFF

 51007C

 FFBAFF

 350063

 FFD7FF

 1D004A

 FFF4FF

 000032

 00021C

 000000

 A44DCE

 A44DCE

9D38CE

AB62CE

9724CE

B176CE

900FCE

B88BCE

8B00CE

BF9FCE

C6B4CE

CCC9CE

D3DDCE

DAF2CE

E0FFCE

# Harmonies

## Analogous

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



0070F3



A44DCE



D81D93

# Triad

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



A44DCE



A46800



00909A

# Complementary

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



A44DCE



77CE4D

# 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.



008E56



A44DCE



6B7D00

# Square

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



A44DCE



CF460E



008900



008ED4

# Rectangle

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



A44DCE



E40A68



008900



009084



# Sweetspot

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



A44DCE



EFCFFF



4D78CE



766280



000000



808080



# Same Dimension

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



A44DCE



C140FF



CE4DB8



635C66



7000A6



1A0026



# Inverse Universe

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



CE4D77



FF407E



4DCE62



665C5F



A60036

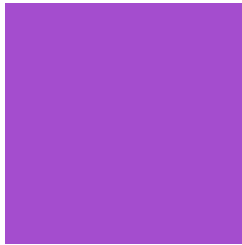


26000C



# Previews

## White Background



This preview shows how the Hex color A44DCE looks on a white background.

## Color Contrast Check

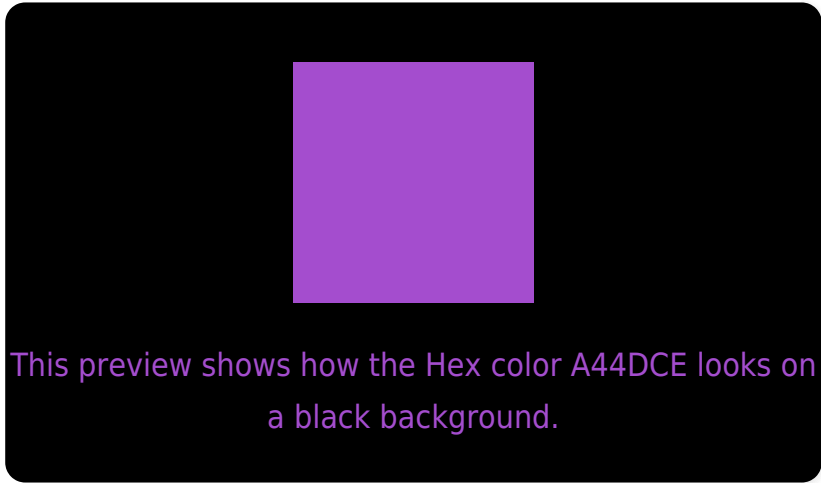
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

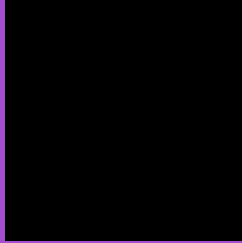
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A44DCE Background



This preview shows how black text looks on a background with the Hex color A44DCE.

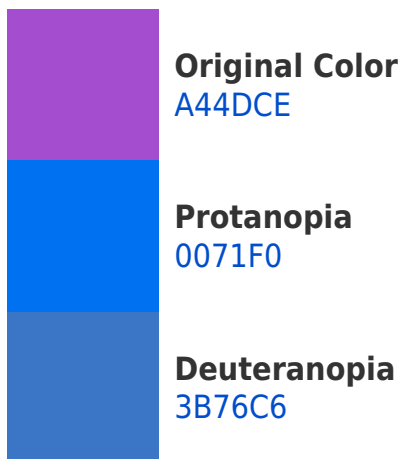


This preview shows how white text looks on a background with the Hex color A44DCE.

# 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](#).

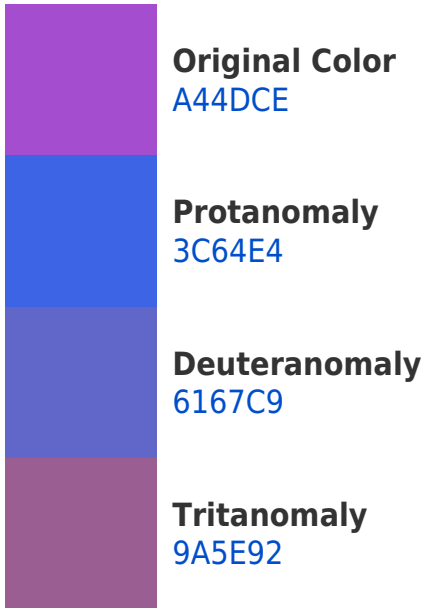
## Dichromacy



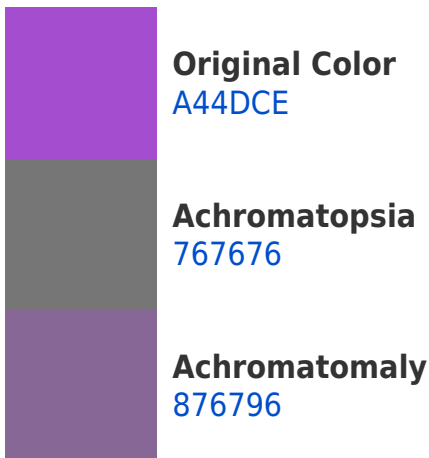


**Tritanopia**  
956870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A44DCE 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 #A44DCE looks like.

```
.text, #text, p{  
    color:#A44DCE  
}
```

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 #A44DCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A44DCE
}
```

## Border

The CSS property to change the border of an element to Hex A44DCE 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
#A44DCE }
```

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

```
.border{ border-color:#A44DCE }
```

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

Here you see how a box with a 4 pixel #A44DCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A44DCE; -webkit-box-shadow:4px 4px  
4px 4px #A44DCE; box-shadow:4px 4px 4px  
4px #A44DCE }
```

# Background

The CSS property to change the background color of an element to Hex A44DCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A44DCE }
```

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

```
.background{ background-color:#A44DCE }
```

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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