

# Converting Colors

Hex(A44EB5)

Have a look what the booklet for  
Hex(A44EB5) contains.

<b>Hex(A44EB5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A44EB5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A44EB5
RGB	164, 78, 181
RGB Percent	64%, 31%, 71%
CMY	0.3569, 0.6941, 0.2902
CMYK	0.09, 0.57, 0.00, 0.29
HSL	290°, 41%, 51%
HSV	290°, 57%, 71%
XYZ	26.3747, 16.6775, 45.5450
YIQ	115.4560, 18.1930, 50.2650

# Conversions

## Conversions Part 2

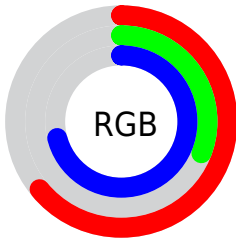
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 78, 181
Decimal	10768053
CIELab	47.85, 50.91, -39.49
CIELCh	48, 64.426, 322.201
Yxy	16.6775, 0.2977, 0.1882
Android (android.graphics.Color)	4288958133 (0xFFA44EB5)
YUV	115.4560, 32.3132, 42.5731
Hunter-Lab	40.8381, 43.8152, -37.5371

# Details

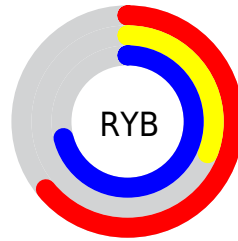
The Hex color **A44EB5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5FB54E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DD83ED**, and **6D1680** is the 20% darker color. If you saturate the color by 10%, you get **A13CB5**, and if you desaturate by 10%, it is **A760B5**.

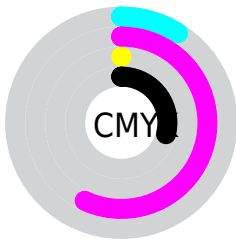
# Distribution



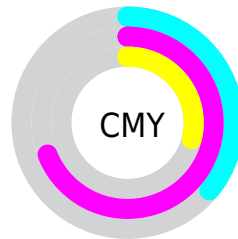
- Red (64%)
- Green (31%)
- Blue (71%)



- Red (64%)
- Yellow (31%)
- Blue (71%)



- Cyan (9%)
- Magenta (57%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (69%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A44EB5 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 A44EB5 by changing the saturation by 10% instead.



 A44EB5

 A44EB5

FFFFFF

 88349A

 DD83ED

 6D1680

 FA9EFF

 530066

 FFBAFF

 39004D

 FFD7FF

 220036

 FFF4FF

 000220

 000003

 000000

 A44EB5

 A44EB5

 A13CB5

 A760B5


 9E2AB5

 AA72B5

 9B18B5

 AD84B5

 9806B5

 B096B5

 9700B5

 B3A9B5

 B6BBB5

 B9CDB5

 BCDFB5

 BFF1B5

# Harmonies

## Analogous

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



4D69D7



A44EB5



CA3582

# Triad

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



A44EB5



956A00



008A99

# Complementary

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



A44EB5



5FB54E

# 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.



008961



A44EB5



637B00

# Square

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



A44EB5



BB5218



008428



0086C7

# Rectangle

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



A44EB5



D1335E



008428



008A87



# Sweetspot

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



A44EB5



E4C3EB



4E5FB5



715E75



F5F5F5



757575



# Same Dimension

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



A44EB5



D04BEB



B54E93



585059



800099



15001A



# Inverse Universe

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



B54E5F



EB4B65



4EB570



595052



990019

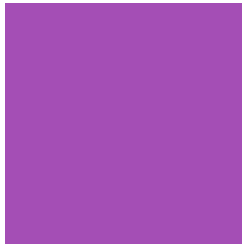


1A0004



# Previews

## White Background



This preview shows how the Hex color A44EB5 looks on a white background.

## Color Contrast Check

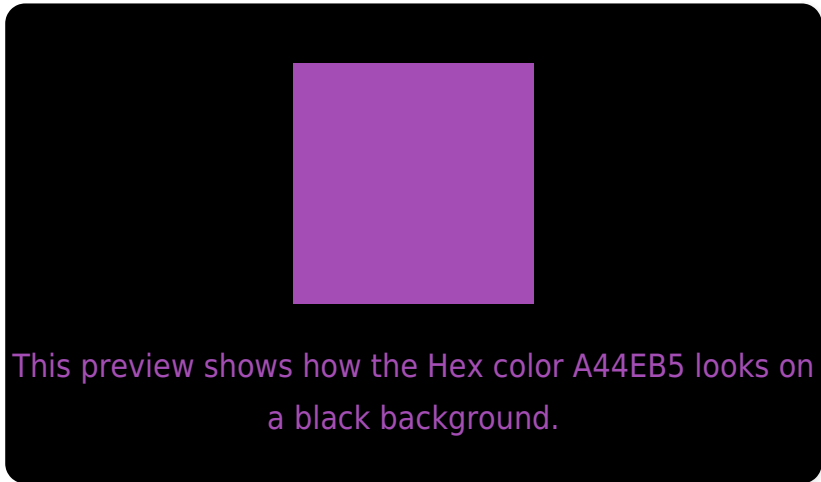
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

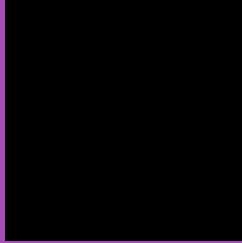
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A44EB5 Background



This preview shows how black text looks on a background with the Hex color A44EB5.

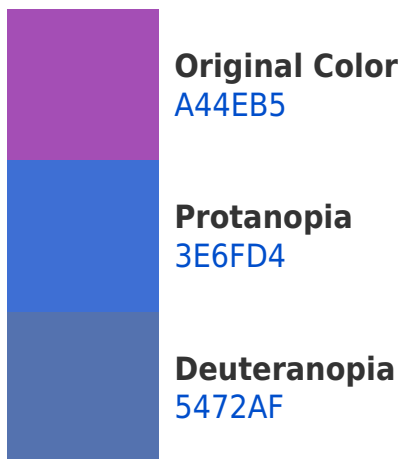



This preview shows how white text looks on a background with the Hex color A44EB5.

# 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](#).

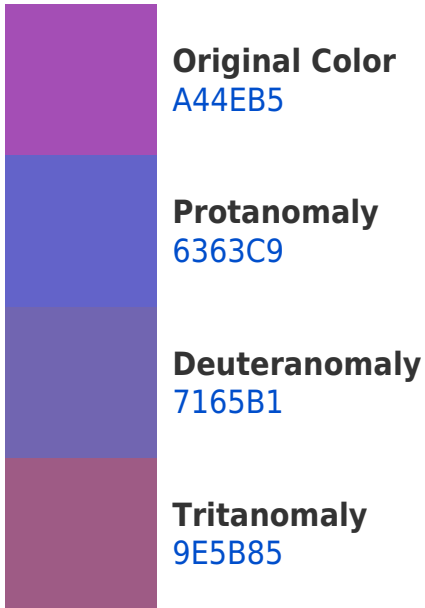
## Dichromacy



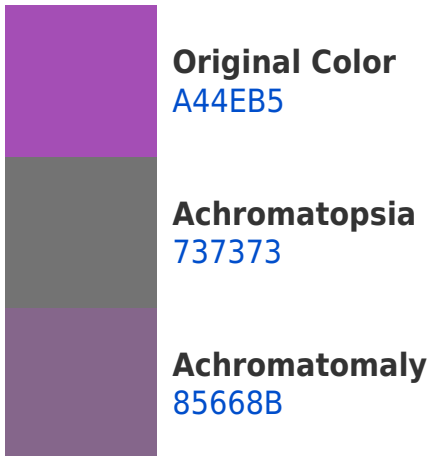


**Tritanopia**  
9A626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A44EB5 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 #A44EB5 looks like.

```
.text, #text, p{  
    color:#A44EB5  
}
```

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 #A44EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A44EB5
}
```

## Border

The CSS property to change the border of an element to Hex A44EB5 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
#A44EB5 }
```

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

```
.border{ border-color:#A44EB5 }
```

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

Here you see how a box with a 4 pixel #A44EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A44EB5; -webkit-box-shadow:4px 4px  
4px 4px #A44EB5; box-shadow:4px 4px 4px  
4px #A44EB5 }
```

# Background

The CSS property to change the background color of an element to Hex A44EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A44EB5 }
```

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

```
.background{ background-color:#A44EB5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor