

# Converting Colors

Hex(A44EB8)

Have a look what the booklet for  
Hex(A44EB8) contains.

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# Color

**Hex(A44EB8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A44EB8
RGB	164, 78, 184
RGB Percent	64%, 31%, 72%
CMY	0.3569, 0.6941, 0.2784
CMYK	0.11, 0.58, 0.00, 0.28
HSL	289°, 43%, 51%
HSV	289°, 58%, 72%
XYZ	26.6860, 16.8020, 47.1840
YIQ	115.7980, 17.2300, 51.1980

# Conversions

## Conversions Part 2

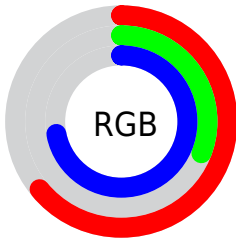
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	164, 78, 184
Decimal	10768056
CIELab	48.01, 51.50, -40.99
CIELCh	48, 65.820, 321.486
Yxy	16.8020, 0.2943, 0.1853
Android (android.graphics.Color)	4288958136 (0xFFA44EB8)
YUV	115.7980, 33.6236, 42.2732
Hunter-Lab	40.9902, 44.4764, -39.5558

# Details

The Hex color **A44EB8** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **62B84E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DD83F1**, and **6D1682** is the 20% darker color. If you saturate the color by 10%, you get **A13CB8**, and if you desaturate by 10%, it is **A760B8**.

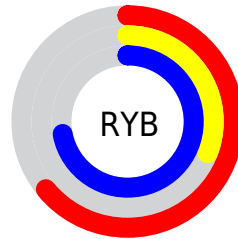
# Distribution



Red (64%)

Green (31%)

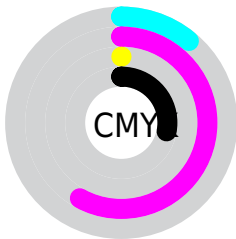
Blue (72%)



Red (64%)

Yellow (31%)

Blue (72%)

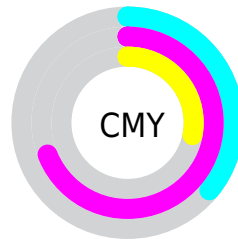


Cyan (11%)

Magenta (58%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (69%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A44EB8 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 A44EB8 by changing the saturation by 10% instead.



 A44EB8

 A44EB8

FFFFFF

 88339D

 DD83F1

 6D1682

 FB9EFF

 530069

 FFBAFF

 380050

 FFD7FF

 220039

 FFF4FF

 000222

 000007

 000000

 A44EB8

 A44EB8

 A13CB8

 A760B8

 9D29B8

 AB73B8

 9A17B8

 AE85B8

 9604B8

 B298B8

 9500B8

 B5AAB8

 B9BCB8

 BCCFB8

 C0E1B8

 C3F4B8

# Harmonies

## Analogous

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



486ADA



A44EB8



CC3384

# Triad

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



A44EB8



976A00



008A99

# Complementary

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



A44EB8



62B84E

# 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.



008960



A44EB8



647B00

# Square

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



A44EB8



BE5117



008525



0087C9

# Rectangle

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



A44EB8



D3305F



008525



008B87



# Sweetspot

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



A44EB8



E8C7F0



4E63B8



736078



F7F7F7



787878



# Same Dimension

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



A44EB8



D04AF0



B84E98



5A535C



7E009C



17001C



# Inverse Universe

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



B84E62



F04A6A



4EB86E



5C5354



9C001D

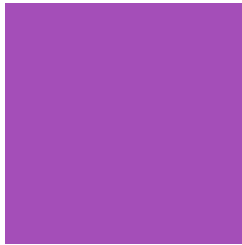


1C0005



# Previews

## White Background



This preview shows how the Hex color A44EB8 looks on a white background.

## Color Contrast Check

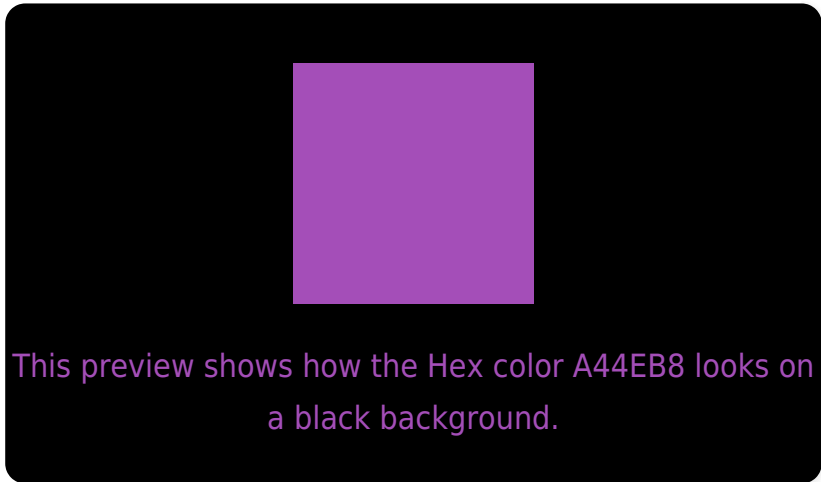
Large Text (above 18pt) WCAG AA ✓ Pass

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

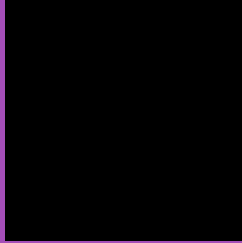
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A44EB8 Background



This preview shows how black text looks on a background with the Hex color A44EB8.

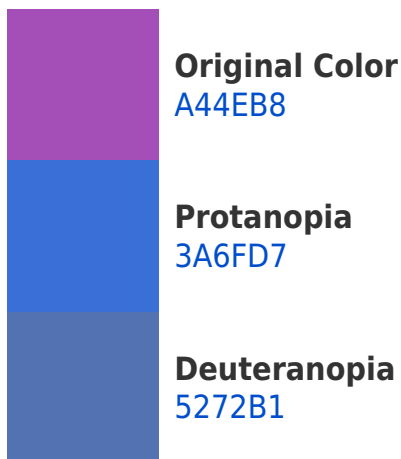



This preview shows how white text looks on a background with the Hex color A44EB8.

# 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](#).

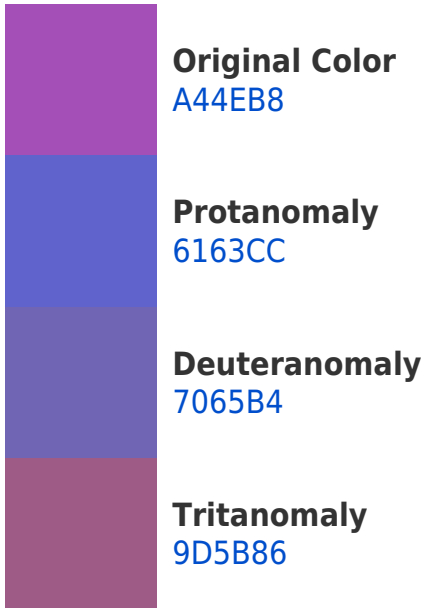
## Dichromacy



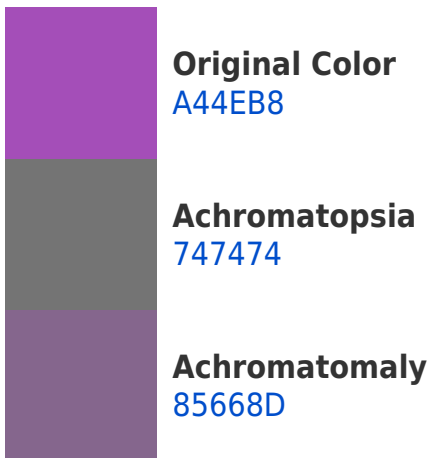


**Tritanopia**  
99636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A44EB8 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 #A44EB8 looks like.

```
.text, #text, p{  
    color:#A44EB8  
}
```

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 #A44EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A44EB8
}
```

## Border

The CSS property to change the border of an element to Hex A44EB8 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
#A44EB8 }
```

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

```
.border{ border-color:#A44EB8 }
```

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

Here you see how a box with a 4 pixel #A44EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A44EB8; -webkit-box-shadow:4px 4px  
4px 4px #A44EB8; box-shadow:4px 4px 4px  
4px #A44EB8 }
```

# Background

The CSS property to change the background color of an element to Hex A44EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A44EB8 }
```

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

```
.background{ background-color:#A44EB8 }
```

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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