

# Converting Colors

Hex(A54AC4)

Have a look what the booklet for  
Hex(A54AC4) contains.

<b>Hex(A54AC4)</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(A54AC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A54AC4
RGB	165, 74, 196
RGB Percent	65%, 29%, 77%
CMY	0.3529, 0.7098, 0.2314
CMYK	0.16, 0.62, 0.00, 0.23
HSL	285°, 51%, 53%
HSV	285°, 62%, 77%
XYZ	27.9296, 16.8824, 54.0111
YIQ	115.1170, 15.0740, 57.2340

# Conversions

## Conversions Part 2

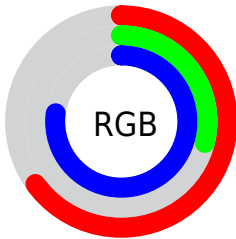
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 74, 196
Decimal	10832580
CIE <sub>Lab</sub>	48.11, 56.07, -47.78
CIE <sub>LCh</sub>	48, 73.670, 319.562
Yxy	16.8824, 0.2826, 0.1708
Android (android.graphics.Color)	4289022660 (0xFFA54AC4)
YUV	115.1170, 39.8753, 43.7474
Hunter-Lab	41.0882, 49.4307, -49.1759

# Details

The Hex color **A54AC4** is a dark color, and the websafe version is hex **993399**. The color can be described as middle muted purple. A complement of this color would be **69C44A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DF80FD**, and **6D0D8D** is the 20% darker color. If you saturate the color by 10%, you get **A036C4**, and if you desaturate by 10%, it is **AA5EC4**.

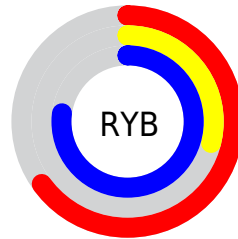
# Distribution



Red (65%)

Green (29%)

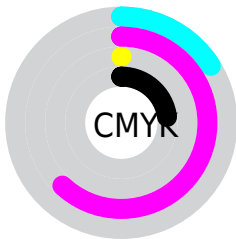
Blue (77%)



Red (65%)

Yellow (29%)

Blue (77%)

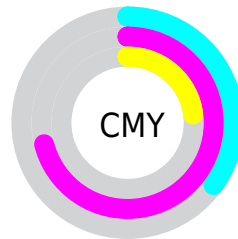


Cyan (16%)

Magenta (62%)

Yellow (0%)

Black (23%)



Cyan (35%)

Magenta (71%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A54AC4 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 A54AC4 by changing the saturation by 10% instead.



 A54AC4

 A54AC4

FFFFFF

 892EA8

 DF80FD

 6D0D8D

 FC9BFF

 520073

 FFB7FF

 37005A

 FFD4FF

 1F0042

 FFF1FF

 00002B

 000115

 000000

 A54AC4

 A54AC4

 A036C4

 AA5EC4

 9B23C4

 AF71C4

 960FC4

 B485C4

 9200C4

 B998C4

 BEACC4

 C3C0C4

 C8D3C4

 CDE7C4

 D2FAC4

# Harmonies

## Analogous

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



236CE9



A54AC4



D4208B

# Triad

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



A54AC4



9D6800



008D9A

# Complementary

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



A54AC4



69C44A

# 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.



008B5A



A54AC4



647B00

# Square

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



A54AC4



C7490B



008611



008AD1

# Rectangle

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



A54AC4



DD1861



008611



008D85



# Sweetspot

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



A54AC4



F3CFFF



4A6BC4



786280



000000



808080



# Same Dimension

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



A54AC4



CE40FF



C44AA8



5E5761



7800A1



190021



# Inverse Universe

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



C44A69



FF4070



4AC466



61575A



A10029

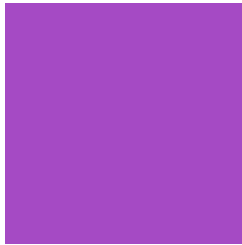


210008



# Previews

## White Background



This preview shows how the Hex color A54AC4 looks on a white background.

## Color Contrast Check

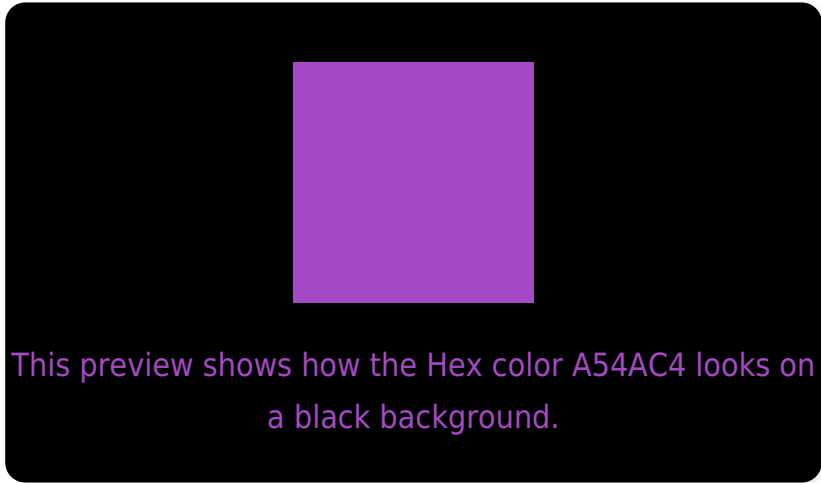
Large Text (above 18pt) WCAG AA ✓ Pass

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

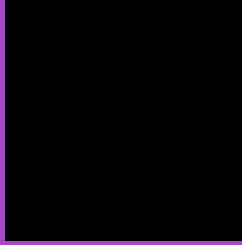
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A54AC4 Background



This preview shows how black text looks on a background with the Hex color A54AC4.

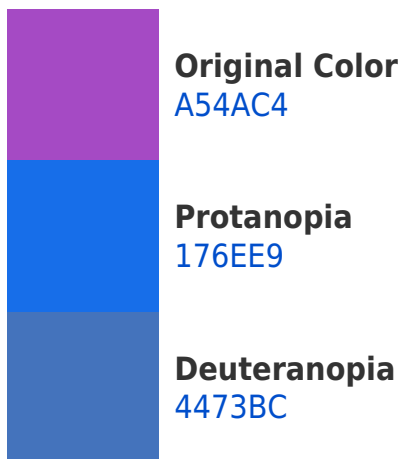


This preview shows how white text looks on a background with the Hex color A54AC4.

# 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**  
98646B

# Trichromacy



**Original Color**  
A54AC4



**Protanomaly**  
4B61DC



**Deuteranomaly**  
6764BF



**Tritanomaly**  
9D5B8B

# Monochromacy



**Original Color**  
A54AC4



**Achromatopsia**  
737373



**Achromatomaly**  
856490

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A54AC4 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 #A54AC4 looks like.

```
.text, #text, p{  
    color:#A54AC4  
}
```

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 #A54AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A54AC4
}
```

## Border

The CSS property to change the border of an element to Hex A54AC4 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
#A54AC4 }
```

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

```
.border{ border-color:#A54AC4 }
```

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

Here you see how a box with a 4 pixel #A54AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A54AC4; -webkit-box-shadow:4px 4px  
4px 4px #A54AC4; box-shadow:4px 4px 4px  
4px #A54AC4 }
```

# Background

The CSS property to change the background color of an element to Hex A54AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A54AC4 }
```

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

```
.background{ background-color:#A54AC4 }
```

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