

# Converting Colors

Hex(AC51A4)

Have a look what the booklet for  
Hex(AC51A4) contains.

<b>Hex(AC51A4)</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(AC51A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC51A4
RGB	172, 81, 164
RGB Percent	67%, 32%, 64%
CMY	0.3255, 0.6824, 0.3569
CMYK	0.00, 0.53, 0.05, 0.33
HSL	305°, 36%, 50%
HSV	305°, 53%, 67%
XYZ	26.6565, 17.3359, 37.0632
YIQ	117.6710, 27.5930, 45.1050

# Conversions

## Conversions Part 2

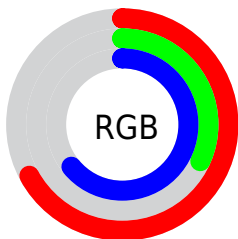
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 81, 164
Decimal	11293092
CIE <sub>Lab</sub>	48.68, 48.49, -28.13
CIE <sub>LCh</sub>	49, 56.056, 329.884
Yxy	17.3359, 0.3289, 0.2139
Android (android.graphics.Color)	4289483172 (0xFFAC51A4)
YUV	117.6710, 22.8402, 47.6465
Hunter-Lab	41.6363, 41.4161, -23.6324

# Details

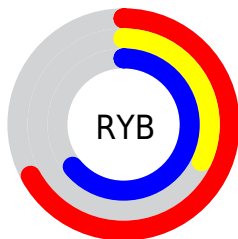
The Hex color **AC51A4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **51AC59**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **E586DB**, and **751A70** is the 20% darker color. If you saturate the color by 10%, you get **AC40A2**, and if you desaturate by 10%, it is **AC62A6**.

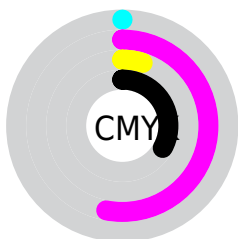
# Distribution



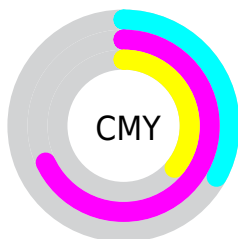
- Red (67%)
- Green (32%)
- Blue (64%)



- Red (67%)
- Yellow (32%)
- Blue (64%)



- Cyan (0%)
- Magenta (53%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (68%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC51A4 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 AC51A4 by changing the saturation by 10% instead.



AC51A4

AC51A4

FFFFFF

90378A

E586DB

751A70

FFA1F8

5B0057

FFBDFE

41003F

FFDAFF

2B0029

FFF7FF

000113

000000

AC51A4

AC51A4

AC40A2

AC62A6

 AC2FA1

 AC73A7

 AC1D9F

 AC85A9

 AC0C9E

 AC96AA

 AC009D

 ACA7AC

 ACB8AD

 ACC9AF

 ACDBB0

 ACECB2

# Harmonies

## Analogous

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



7167C6



AC51A4



C64376

# Triad

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



AC51A4



8B7100



0089A2

# Complementary

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



AC51A4



51AC59

# 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.



008972



AC51A4



5B7E14

# Square

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



AC51A4



AF5F1E



008641



0084C5

# Rectangle

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



AC51A4



C84656



008641



008A93



# Sweetspot

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



AC51A4



E0BCDD



5951AC



705B6E



F0F0F0



707070



# Same Dimension

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



AC51A4



E053D4



AC5177



574E56



960089



170015



# Inverse Universe

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



AC51A4



E053D4



51AC86



574E56



960089



170015



# Previews

## White Background



This preview shows how the Hex color AC51A4 looks on a white background.

## Color Contrast Check

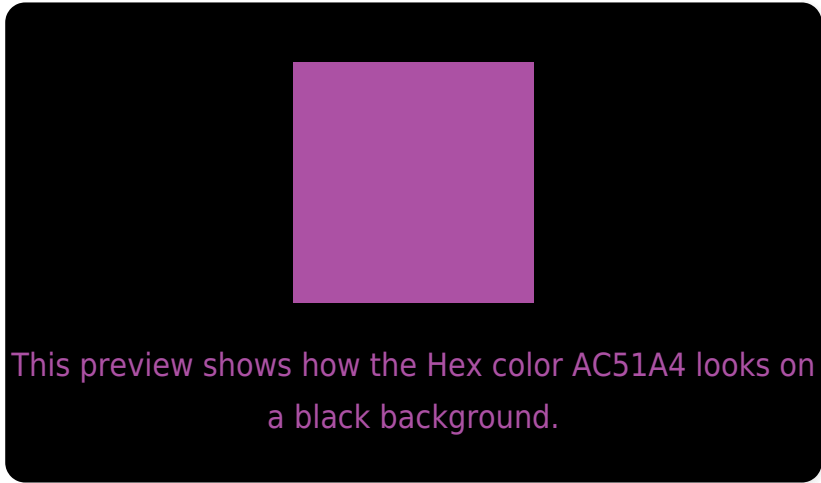
Large Text (above 18pt) WCAG AA ✓ Pass

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

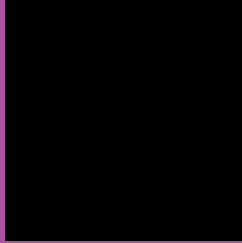
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AC51A4 Background



This preview shows how black text looks on a background with the Hex color AC51A4.

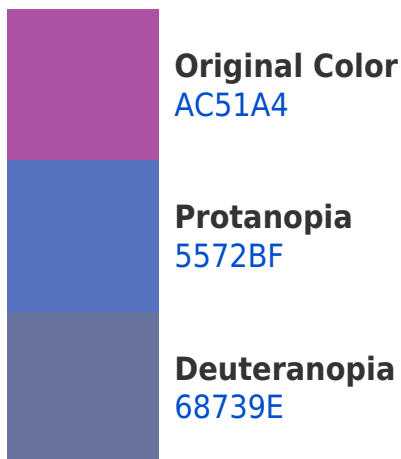


This preview shows how white text looks on a background with the Hex color AC51A4.

# 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](#).

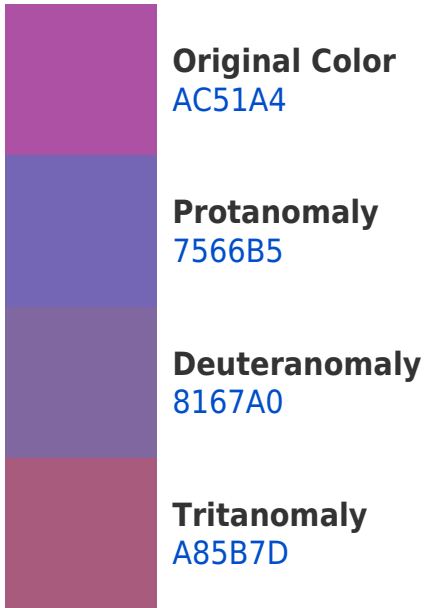
## Dichromacy



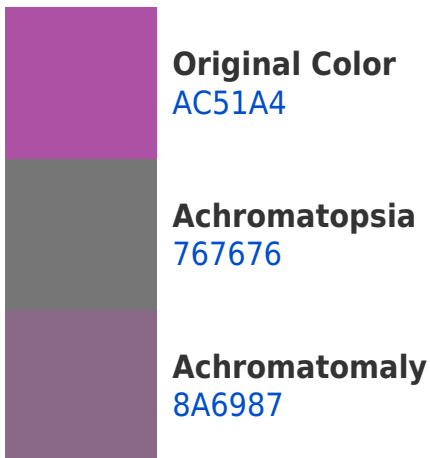


**Tritanopia**  
A56067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC51A4 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 #AC51A4 looks like.

```
.text, #text, p{  
    color:#AC51A4  
}
```

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 #AC51A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC51A4
}
```

## Border

The CSS property to change the border of an element to Hex AC51A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

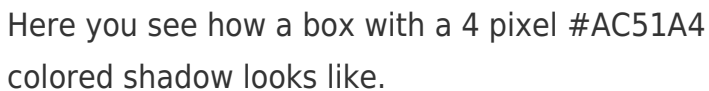
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC51A4 }
```

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

```
.border{ border-color:#AC51A4 }
```

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



Here you see how a box with a 4 pixel `#AC51A4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC51A4; -webkit-box-shadow:4px 4px  
4px 4px #AC51A4; box-shadow:4px 4px 4px  
4px #AC51A4 }
```

# Background

The CSS property to change the background color of an element to Hex AC51A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC51A4 }
```

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

```
.background{ background-color:#AC51A4 }
```

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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