

# Converting Colors

Hex(A154BE)

Have a look what the booklet for  
Hex(A154BE) contains.

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# Color

**Hex(A154BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A154BE
RGB	161, 84, 190
RGB Percent	63%, 33%, 75%
CMY	0.3686, 0.6706, 0.2549
CMYK	0.15, 0.56, 0.00, 0.25
HSL	284°, 45%, 54%
HSV	284°, 56%, 75%
XYZ	27.1625, 17.6354, 50.6876
YIQ	119.1070, 11.8660, 49.2900

# Conversions

## Conversions Part 2

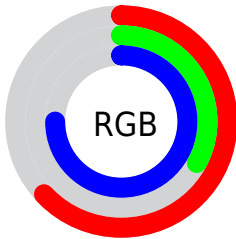
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 84, 190
Decimal	10572990
CIELab	49.05, 48.95, -42.85
CIElCh	49, 65.054, 318.803
Yxy	17.6354, 0.2845, 0.1847
Android (android.graphics.Color)	4288763070 (0xFFA154BE)
YUV	119.1070, 34.9502, 36.7402
Hunter-Lab	41.9945, 41.9653, -42.1670

# Details

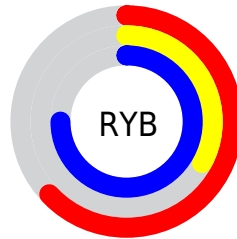
The Hex color **A154BE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **71BE54**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DA89F7**, and **6A1F88** is the 20% darker color. If you saturate the color by 10%, you get **9C41BE**, and if you desaturate by 10%, it is **A667BE**.

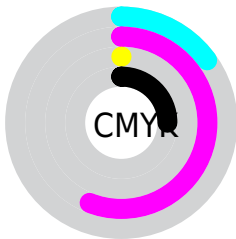
# Distribution



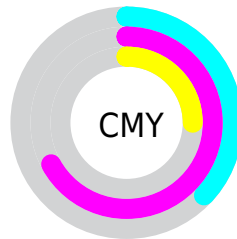
- Red (63%)
- Green (33%)
- Blue (75%)



- Red (63%)
- Yellow (33%)
- Blue (75%)



- Cyan (15%)
- Magenta (56%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (67%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A154BE 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 A154BE by changing the saturation by 10% instead.



 A154BE

 A154BE

FFFFFF

 853AA3

 DA89F7

 6A1F88

 F7A4FF

 50006E

 FFC0FF


 360055

 FFDCFF

 20003E

 FFF9FF

 000126

 00010F

 000000

 A154BE

 A154BE

9C41BE

A667BE

972EBE

AB7ABE

911BBE

B18DBE

8C08BE

B6A0BE

8A00BE

BBB3BE

C0C6BE

C5D9BE

CBECBE

D0FFBE

# Harmonies

## Analogous

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



3D6FDE



A154BE



CC398C

# Triad

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



A154BE



9E6B00



008D97

# Complementary

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



A154BE



71BE54

# 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.



008C5D



A154BE



6C7C00

# Square

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



A154BE



C35220



1C8723



008AC7

# Rectangle

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



A154BE



D53567



1C8723



008D84



# Sweetspot

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



A154BE



ECCDF7



5472BE



76647D



FCFCFC



7D7D7D



# Same Dimension

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



A154BE



CA52F7



BE54A7



5C555E



73009E



16001F



# Inverse Universe

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



BE5471



F7527F



54BE6B



5E5557



9E002B

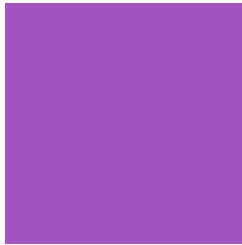


1F0008



# Previews

## White Background



This preview shows how the Hex color A154BE looks on a white background.

## Color Contrast Check

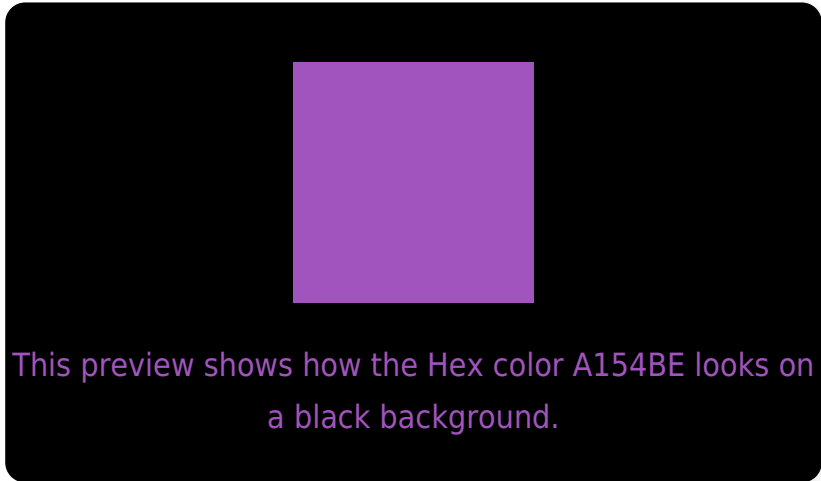
Large Text (above 18pt) WCAG AA ✓ Pass

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

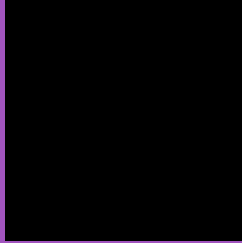
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A154BE Background



This preview shows how black text looks on a background with the Hex color A154BE.

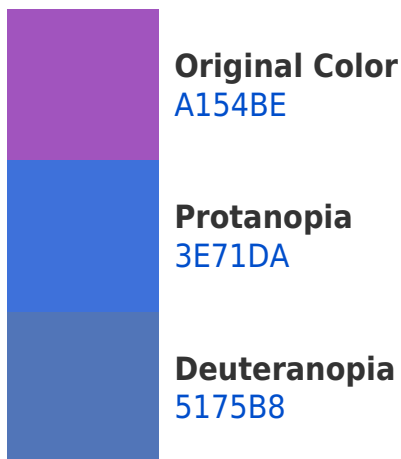


This preview shows how white text looks on a background with the Hex color A154BE.

# 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](#).

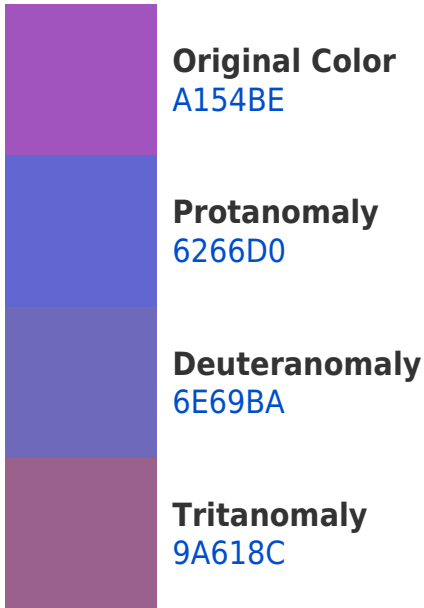
## Dichromacy



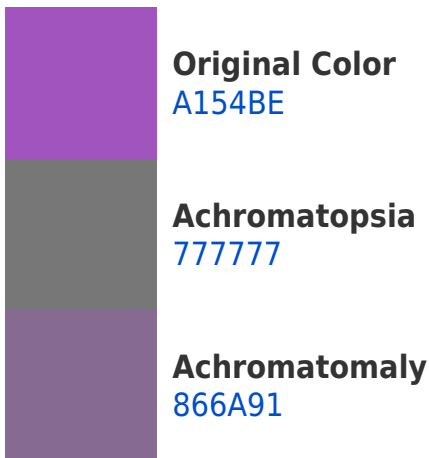


**Tritanopia**  
966870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A154BE 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 #A154BE looks like.

```
.text, #text, p{  
    color:#A154BE  
}
```

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 #A154BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A154BE
}
```

## Border

The CSS property to change the border of an element to Hex A154BE 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
#A154BE }
```

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

```
.border{ border-color:#A154BE }
```

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

Here you see how a box with a 4 pixel #A154BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A154BE; -webkit-box-shadow:4px 4px  
4px 4px #A154BE; box-shadow:4px 4px 4px  
4px #A154BE }
```

# Background

The CSS property to change the background color of an element to Hex A154BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A154BE }
```

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

```
.background{ background-color:#A154BE }
```

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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