

# Converting Colors

Hex(B54AD7)

Have a look what the booklet for  
Hex(B54AD7) contains.

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# Color

Hex(**B54AD7**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B54AD7
RGB	181, 74, 215
RGB Percent	71%, 29%, 84%
CMY	0.2902, 0.7098, 0.1569
CMYK	0.16, 0.66, 0.00, 0.16
HSL	286°, 64%, 57%
HSV	286°, 66%, 84%
XYZ	33.7706, 19.6276, 66.2986
YIQ	122.0670, 18.5110, 66.5350

# Conversions

## Conversions Part 2

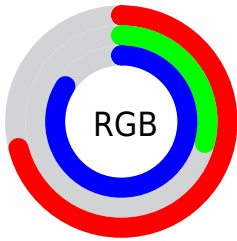
Format	Color
<a href="#">RYB</a>	<a href="#">181, 74, 215</a>
Decimal	<a href="#">11881175</a>
CIELab	<a href="#">51.41, 63.56, -53.29</a>
CIElCh	<a href="#">51, 82.942, 320.025</a>
Yxy	<a href="#">19.6276, 0.2821, 0.1640</a>
Android (android.graphics.Color)	<a href="#">4290071255 (0xFFB54AD7)</a>
YUV	<a href="#">122.0670, 45.8160, 51.6842</a>
Hunter-Lab	<a href="#">44.3031, 58.5336, -57.7141</a>

# Details

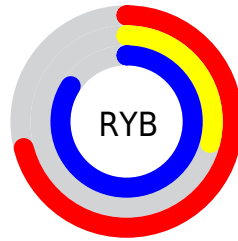
The Hex color **B54AD7** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **6CD74A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F082FF**, and **7C019F** is the 20% darker color. If you saturate the color by 10%, you get **B034D7**, and if you desaturate by 10%, it is **BA5FD7**.

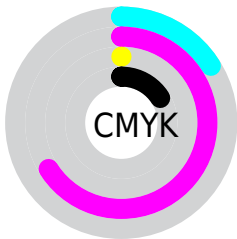
# Distribution



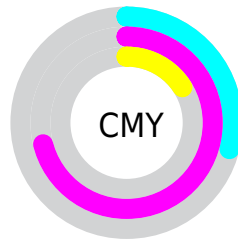
- Red (71%)
- Green (29%)
- Blue (84%)



- Red (71%)
- Yellow (29%)
- Blue (84%)



- Cyan (16%)
- Magenta (66%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (71%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B54AD7 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 B54AD7 by changing the saturation by 10% instead.



 B54AD7

 B54AD7

FFFFFF

 982CBB

 F082FF

 7C019F

 FF9EFF

 600085

 FFBAFF

 44006B

 FFD7FF


 2B0052

 FFF4FF

 05003A

 000223

 00000A

 000000

 B54AD7

 B54AD7

 B034D7

 BA5FD7

 AB1FD7

 BF75D7

 A509D7

 C58BD7

 A300D7

 CAA0D7

 CFB5D7

 D4CBD7

 D9E0D7

 DEF6D7

 E4FFD7

# Harmonies

## Analogous

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



0473FF



B54AD7



E90295

# Triad

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



B54AD7



A96F00



0098A9

# Complementary

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



B54AD7



6CD74A

# 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.



009660



B54AD7



688500

# Square

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



B54AD7



D84B00



009103



0095E7

# Rectangle

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



B54AD7



F30066



009103



009891



# Sweetspot

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



B54AD7



F3CCFF



4A6DD7



786180



000000



808080



# Same Dimension

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



B54AD7



CE36FF



D74AB4



69606B



8200AB



21002B



# Inverse Universe

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



D74A6C



FF3666



4AD76D



6B6063



AB0029

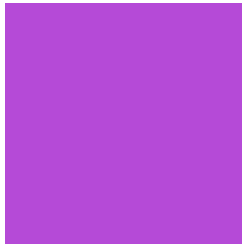


2B000A



# Previews

## White Background



This preview shows how the Hex color B54AD7 looks on a white background.

## Color Contrast Check

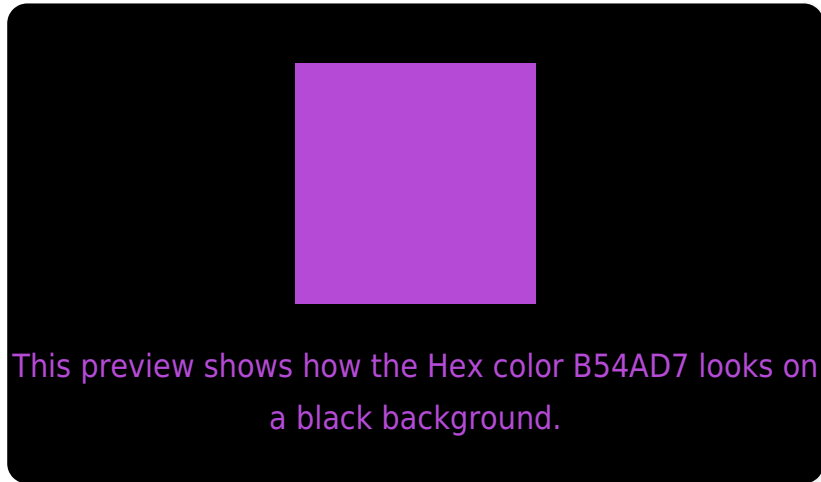
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

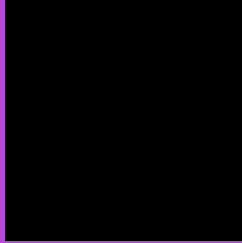
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B54AD7 Background



This preview shows how black text looks on a background with the Hex color B54AD7.

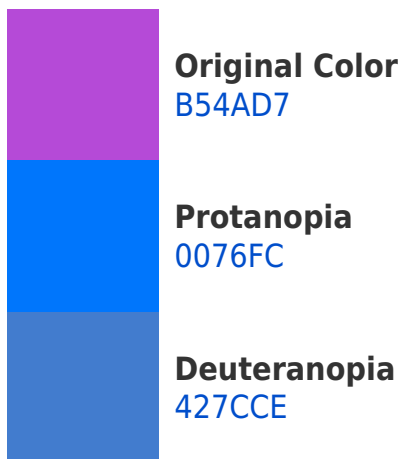



This preview shows how white text looks on a background with the Hex color B54AD7.

# 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**  
A66971

# Trichromacy



**Original Color**  
B54AD7



**Protanomaly**  
4266EF



**Deuteranomaly**  
6C6AD1



**Tritanomaly**  
AB5E96

# Monochromacy



**Original Color**  
B54AD7



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
8F699C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B54AD7 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 #B54AD7 looks like.

```
.text, #text, p{  
  color:#B54AD7  
}
```

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 #B54AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B54AD7
}
```

## Border

The CSS property to change the border of an element to Hex B54AD7 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
#B54AD7 }
```

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

```
.border{ border-color:#B54AD7 }
```

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

Here you see how a box with a 4 pixel #B54AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B54AD7; -webkit-box-shadow:4px 4px  
4px 4px #B54AD7; box-shadow:4px 4px 4px  
4px #B54AD7 }
```

# Background

The CSS property to change the background color of an element to Hex B54AD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B54AD7 }
```

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

```
.background{ background-color:#B54AD7 }
```

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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