

Converting Colors

Hex(B54AC7)

Have a look what the booklet for
Hex(B54AC7) contains.

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Color

Hex(**B54AC7**)

Conversions

Conversions Part 1

Format	Color
Hex	B54AC7
RGB	181, 74, 199
RGB Percent	71%, 29%, 78%
CMY	0.2902, 0.7098, 0.2196
CMYK	0.09, 0.63, 0.00, 0.22
HSL	291°, 53%, 54%
HSV	291°, 63%, 78%
XYZ	31.8136, 18.8448, 55.9935
YIQ	120.2430, 23.6470, 61.5590

Conversions

Conversions Part 2

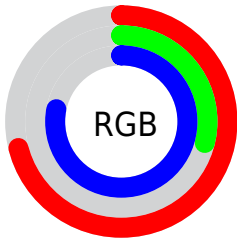
Format	Color
RYB	181, 74, 199
Decimal	11881159
CIELab	50.51, 60.50, -45.57
CIElCh	51, 75.741, 323.011
Yxy	18.8448, 0.2983, 0.1767
Android (android.graphics.Color)	4290071239 (0xFFB54AC7)
YUV	120.2430, 38.8272, 53.2839
Hunter-Lab	43.4106, 54.8457, -46.0881

Details

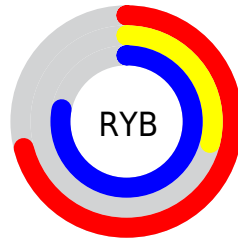
The Hex color **B54AC7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **5CC74A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EF81FF**, and **7D0490** is the 20% darker color. If you saturate the color by 10%, you get **B236C7**, and if you desaturate by 10%, it is **B85EC7**.

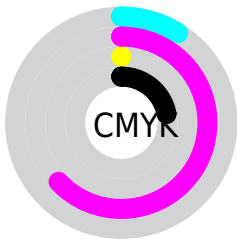
Distribution



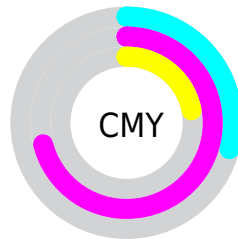
- Red (71%)
- Green (29%)
- Blue (78%)



- Red (71%)
- Yellow (29%)
- Blue (78%)



- Cyan (9%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B54AC7 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 B54AC7 by changing the saturation by 10% instead.

 B54AC7

 B54AC7

FFFFFF

 992DAB

 EF81FF

 7D0490

 FF9DFF

 610076

 FFB9FF

 46005D

 FFD6FF

 2E0045

 FFF3FF

 0A002D

 000117

 000000

 B54AC7

 B54AC7

 B236C7

 B85EC7

 AF22C7

 BB72C7

 AC0EC7

 BE86C7

 AA00C7

 C09AC7

 C3AEC7

 C6C1C7

 C9D5C7

 CCE9C7

 CFFDC7

Harmonies

Analogous

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



486EF1



B54AC7



E0218A

Triad

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



B54AC7



9F7000



0094A9

Complementary

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



B54AC7



5CC74A

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.



009366



B54AC7



628400

Square

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



B54AC7



CC5200



008E1F



0090DF

Rectangle

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



B54AC7



E71F5F



008E1F



009494

Sweetspot

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



B54AC7



F8CFFF



4A5DC7



7B6280



000000



808080

Same Dimension

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



B54AC7



E340FF



C74A9B



625A63



8C00A3



1F0024

Inverse Universe

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



C74A5C



FF405B



4AC776



635A5B



A30018



240005

Previews

White Background



This preview shows how the Hex color B54AC7 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

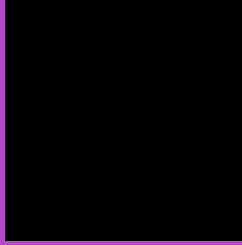
Any Text WCAG AA ✓ Pass

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 B54AC7 Background



This preview shows how black text looks on a background with the Hex color B54AC7.

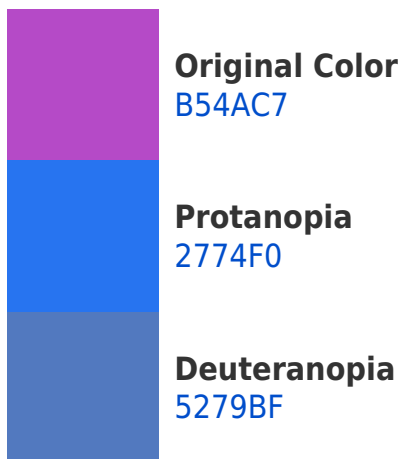



This preview shows how white text looks on a background with the Hex color B54AC7.

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



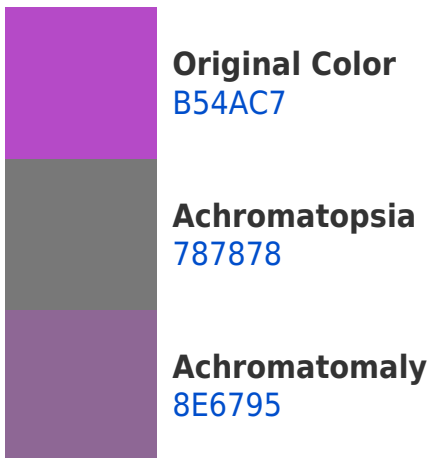


Tritanopia
A9656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B54AC7 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 #B54AC7 looks like.

```
.text, #text, p{  
    color:#B54AC7  
}
```

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 #B54AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B54AC7
}
```

Border

The CSS property to change the border of an element to Hex B54AC7 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
#B54AC7 }
```

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

```
.border{ border-color:#B54AC7 }
```

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

Here you see how a box with a 4 pixel #B54AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B54AC7; -webkit-box-shadow:4px 4px  
4px 4px #B54AC7; box-shadow:4px 4px 4px  
4px #B54AC7 }
```

Background

The CSS property to change the background color of an element to Hex B54AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B54AC7 }
```

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

```
.background{ background-color:#B54AC7 }
```

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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