

Converting Colors

Hex(B54AE2)

Have a look what the booklet for
Hex(B54AE2) contains.

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Color

Hex(B54AE2)

Conversions

Conversions Part 1

Format	Color
Hex	B54AE2
RGB	181, 74, 226
RGB Percent	71%, 29%, 89%
CMY	0.2902, 0.7098, 0.1137
CMYK	0.20, 0.67, 0.00, 0.11
HSL	282°, 72%, 59%
HSV	282°, 67%, 89%
XYZ	35.2323, 20.2123, 73.9959
YIQ	123.3210, 14.9800, 69.9560

Conversions

Conversions Part 2

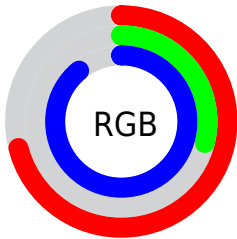
Format	Color
R_{YB}	181, 74, 226
Decimal	11881186
CIE _{Lab}	52.08, 65.74, -58.46
CIE _{LCh}	52, 87.977, 318.353
Yxy	20.2123, 0.2722, 0.1562
Android (android.graphics.Color)	4290071266 (0xFFB54AE2)
YUV	123.3210, 50.6207, 50.5845
Hunter-Lab	44.9581, 61.2084, -66.1139

Details

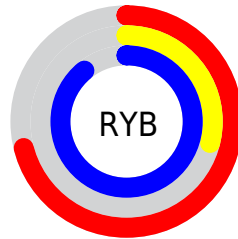
The Hex color **B54AE2** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **77E24A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F082FF**, and **7C00AA** is the 20% darker color. If you saturate the color by 10%, you get **AE33E2**, and if you desaturate by 10%, it is **BC61E2**.

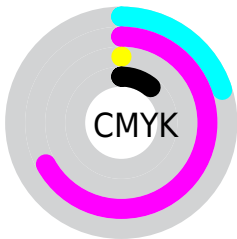
Distribution



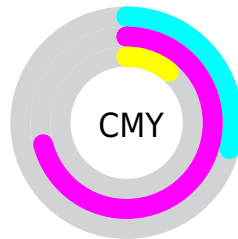
- Red (71%)
- Green (29%)
- Blue (89%)



- Red (71%)
- Yellow (29%)
- Blue (89%)



- Cyan (20%)
- Magenta (67%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (71%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B54AE2 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 B54AE2 by changing the saturation by 10% instead.

 B54AE2

 B54AE2

FFFFFF

 982CC6

 F082FF

 7C00AA

 FF9EFF

 5F008F

 FFBAFF

 430074

 FFD7FF

 27005B

 FFF5FF

 000042

 00032B

 000115

 000000

 B54AE2

 B54AE2

 AE33E2

 BC61E2

 A81DE2

 C277E2

 A106E2

 C98EE2

 9F00E2

 D0A4E2

 D6BBE2

 DDD2E2

 E4E8E2

 EBFEE2

 F1FFE2

Harmonies

Analogous

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



0076FF



B54AE2



F0009D

Triad

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



B54AE2



AF6E00



009BAA

Complementary

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



B54AE2



77E24A

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.



00995B



B54AE2



6C8700

Square

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



B54AE2



E14500



009300



0099ED

Rectangle

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



B54AE2



FB006B



009300



009B90

Sweetspot

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



B54AE2



F0CCFF



4A78E2



766180



000000



808080

Same Dimension

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



B54AE2



C230FF



E24AC4



6D6570



7C00B0



220030

Inverse Universe

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



E24A77



FF306E



4AE268



706568



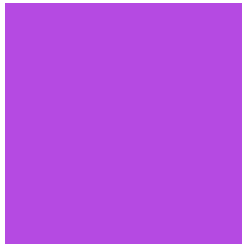
B00034



30000E

Previews

White Background



This preview shows how the Hex color B54AE2 looks on a white background.

Color Contrast Check

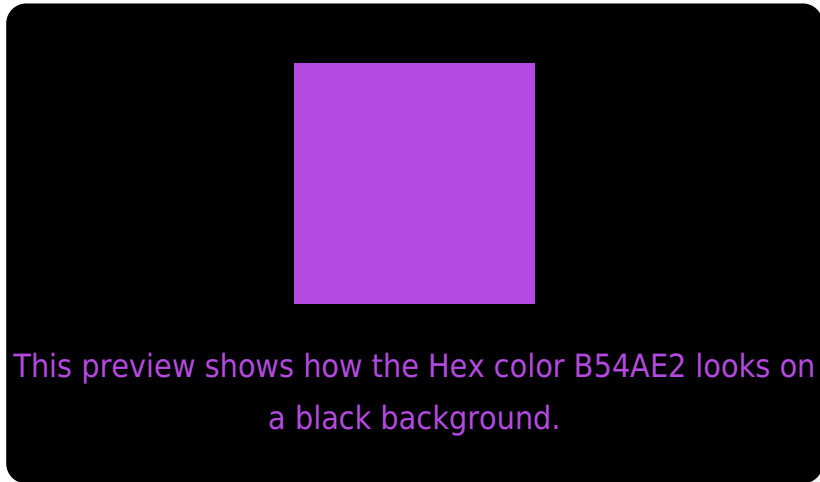
Large Text (above 18pt) WCAG AA ✓ Pass

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 B54AE2 Background



This preview shows how black text looks on a background with the Hex color B54AE2.

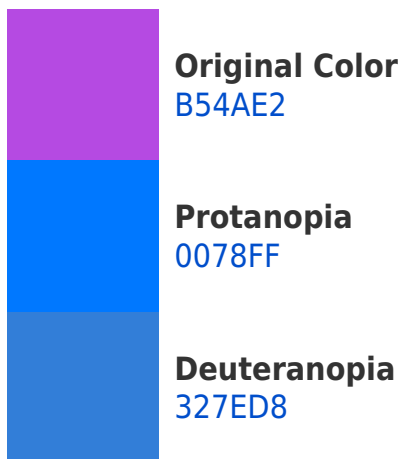



This preview shows how white text looks on a background with the Hex color B54AE2.

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
A46D75

Trichromacy



Original Color
B54AE2



Protanomaly
4267F4



Deuteranomaly
626BDC



Tritanomaly
AA609D

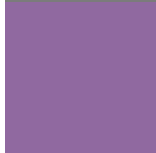
Monochromacy



Original Color
B54AE2



Achromatopsia
7B7B7B



Achromatomaly
9069A0

CSS Examples

Text

The CSS property to change the color of the text to Hex B54AE2 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 #B54AE2 looks like.

```
.text, #text, p{  
    color:#B54AE2  
}
```

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 #B54AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B54AE2
}
```

Border

The CSS property to change the border of an element to Hex B54AE2 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
#B54AE2 }
```

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

```
.border{ border-color:#B54AE2 }
```

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

Here you see how a box with a 4 pixel #B54AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B54AE2; -webkit-box-shadow:4px 4px  
4px 4px #B54AE2; box-shadow:4px 4px 4px  
4px #B54AE2 }
```

Background

The CSS property to change the background color of an element to Hex B54AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B54AE2 }
```

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

```
.background{ background-color:#B54AE2 }
```

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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