

Converting Colors

Hex(B54BD5)

Have a look what the booklet for
Hex(B54BD5) contains.

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Color

Hex(**B54BD5**)

Conversions

Conversions Part 1

Format	Color
Hex	B54BD5
RGB	181, 75, 213
RGB Percent	71%, 29%, 84%
CMY	0.2902, 0.7059, 0.1647
CMYK	0.15, 0.65, 0.00, 0.16
HSL	286°, 62%, 56%
HSV	286°, 65%, 84%
XYZ	33.5824, 19.6600, 64.9756
YIQ	122.4260, 18.8780, 65.3900

Conversions

Conversions Part 2

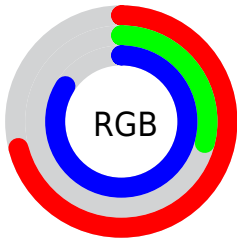
Format	Color
RYB	181, 75, 213
Decimal	11881429
CIELab	51.45, 62.74, -52.09
CIELCh	51, 81.545, 320.301
Yxy	19.6600, 0.2841, 0.1663
Android (android.graphics.Color)	4290071509 (0xFFB54BD5)
YUV	122.4260, 44.6530, 51.3694
Hunter-Lab	44.3396, 57.5998, -55.8462

Details

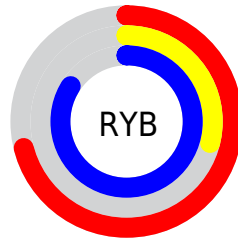
The Hex color **B54BD5** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **6BD54B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F082FF**, and **7C049D** is the 20% darker color. If you saturate the color by 10%, you get **B036D5**, and if you desaturate by 10%, it is **BA60D5**.

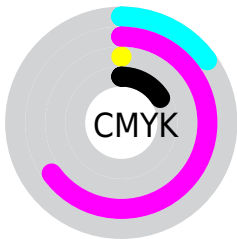
Distribution



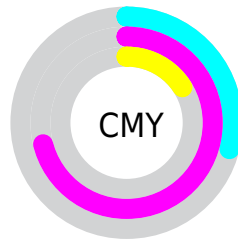
- Red (71%)
- Green (29%)
- Blue (84%)



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



- Cyan (15%)
- Magenta (65%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B54BD5 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 B54BD5 by changing the saturation by 10% instead.

 B54BD5

 B54BD5

FFFFFF

 982EB9

 F082FF

 7C049D

 FF9EFF

 600083

 FFBBFF

 450069

 FFD7FF

 2B0050

 FFF5FF

 060038

 000222

 000007

 000000

 B54BD5

 B54BD5

 B036D5

 BA60D5

 AB20D5

 BF76D5

 A60BD5

 C48BD5

 A400D5

 C9A0D5

 CEB5D5

 D3CBD5

 D8E0D5

 DDF5D5

 E1FFD5

Harmonies

Analogous

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



1C73FF



B54BD5



E80F94

Triad

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



B54BD5



A87000



0098A9

Complementary

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



B54BD5



6BD54B

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.



009661



B54BD5



688500

Square

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



B54BD5



D74C00



00910A



0095E6

Rectangle

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



B54BD5



F20066



00910A



009892

Sweetspot

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



B54BD5



F4CFFF



4B6BD5



796280



000000



808080

Same Dimension

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



B54BD5



D138FF



D54BB0



69606B



8300AB



21002B

Inverse Universe

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



D54B6B



FF3866



4BD570



6B6063



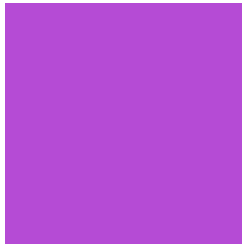
AB0028



2B000A

Previews

White Background



This preview shows how the Hex color B54BD5 looks on a white background.

Color Contrast Check

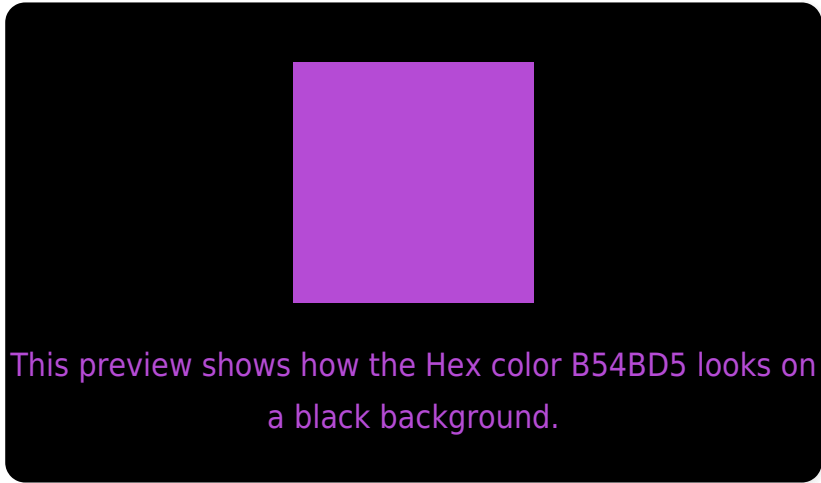
Large Text (above 18pt) WCAG AA ✓ Pass

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

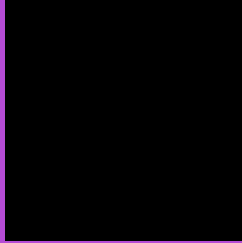
Any Text WCAG AA ✓ Pass

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 B54BD5 Background



This preview shows how black text looks on a background with the Hex color B54BD5.

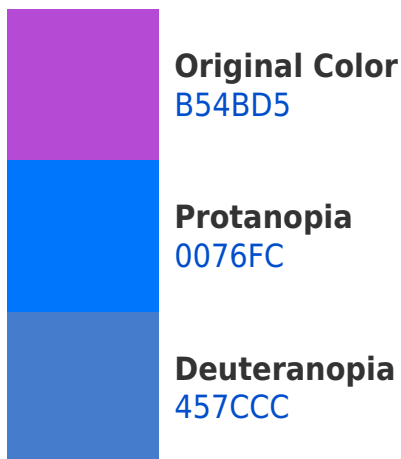



This preview shows how white text looks on a background with the Hex color B54BD5.

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
A76971

Trichromacy



Original Color
B54BD5



Protanomaly
4266EE



Deuteranomaly
6E6ACF



Tritanomaly
AC5E95

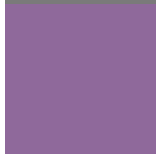
Monochromacy



Original Color
B54BD5



Achromatopsia
7A7A7A



Achromatomaly
8F699B

CSS Examples

Text

The CSS property to change the color of the text to Hex B54BD5 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 #B54BD5 looks like.

```
.text, #text, p{  
    color:#B54BD5  
}
```

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 #B54BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B54BD5
}
```

Border

The CSS property to change the border of an element to Hex B54BD5 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".

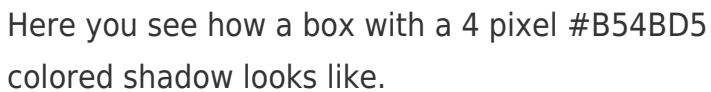
```
.border, #border, table{ border:4px solid
#B54BD5 }
```

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

```
.border{ border-color:#B54BD5 }
```

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

Here you see how a box with a 4 pixel #B54BD5 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B54BD5; -webkit-box-shadow:4px 4px  
4px 4px #B54BD5; box-shadow:4px 4px 4px  
4px #B54BD5 }
```

Background

The CSS property to change the background color of an element to Hex B54BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B54BD5 }
```

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

```
.background{ background-color:#B54BD5 }
```

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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