

Converting Colors

Hex(B514B0)

Have a look what the booklet for
Hex(B514B0) contains.

Hex(B514B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B514B0)

Conversions

Conversions Part 1

Format	Color
Hex	B514B0
RGB	181, 20, 176
RGB Percent	71%, 8%, 69%
CMY	0.2902, 0.9216, 0.3098
CMYK	0.00, 0.89, 0.03, 0.29
HSL	302°, 80%, 39%
HSV	302°, 89%, 71%
XYZ	27.1427, 13.4587, 42.2415
YIQ	85.9230, 45.8800, 82.6480

Conversions

Conversions Part 2

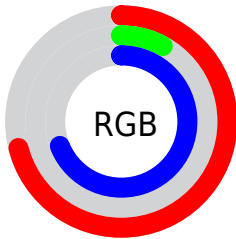
Format	Color
RYB	181, 20, 176
Decimal	11867312
CIELab	43.45, 73.03, -43.37
CIELCh	43, 84.937, 329.293
Yxy	13.4587, 0.3276, 0.1625
Android (android.graphics.Color)	4290057392 (0xFFB514B0)
YUV	85.9230, 44.4080, 83.3825
Hunter-Lab	36.6860, 67.8652, -42.5882

Details

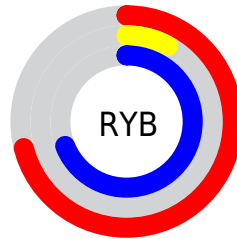
The Hex color **B514B0** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **14B519**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F05CE8**, and **7B007B** is the 20% darker color. If you saturate the color by 10%, you get **B502AF**, and if you desaturate by 10%, it is **B526B1**.

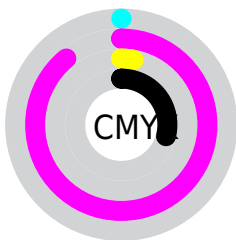
Distribution



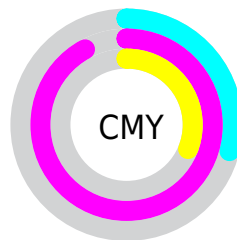
- Red (71%)
- Green (8%)
- Blue (69%)



- Red (71%)
- Yellow (8%)
- Blue (69%)



- Cyan (0%)
- Magenta (89%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (92%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B514B0 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 B514B0 by changing the saturation by 10% instead.

 B514B0

 B514B0

FFFFFF

 980095

 F05CE8

 7B007B

 FF7AFF

 5F0061

 FF97FF

 440049

 FFB4FF

 290031

 FFD1FF

 00001B

 FFEFFF

 000000

 B514B0

 B514B0

 B502AF

 B526B1

 B500AF

 B538B1

 B54AB2

 B55CB2

 B56EB3

 B581B3

 B593B4

 B5A5B4

 B5B7B5

Harmonies

Analogous

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



4B54E4



B514B0



D9006C

Triad

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



B514B0



7F6400



0082AB

Complementary

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



B514B0



14B519

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.



008163



B514B0



367600

Square

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



B514B0



B44200



007E0F



007FE1

Rectangle

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



B514B0



DA003E



007E0F



008294

Sweetspot

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



B514B0



EBABE9



1714B5



755074



F5F5F5



757575

Same Dimension

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



B514B0



EB00E3



B51462



595059



990094



1A0019

Inverse Universe

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



B514B0



EB00E3



14B567



595059



990094



1A0019

Previews

White Background



This preview shows how the Hex color B514B0 looks on a white background.

Color Contrast Check

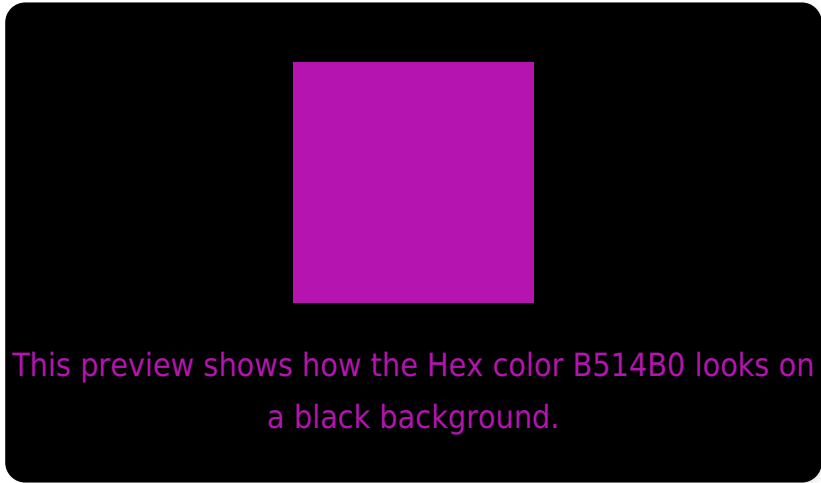
Large Text (above 18pt) WCAG AA ✓ Pass

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

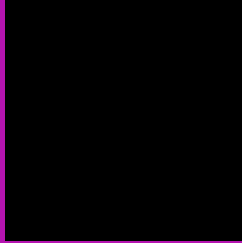
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B514B0 Background



This preview shows how black text looks on a background with the Hex color B514B0.

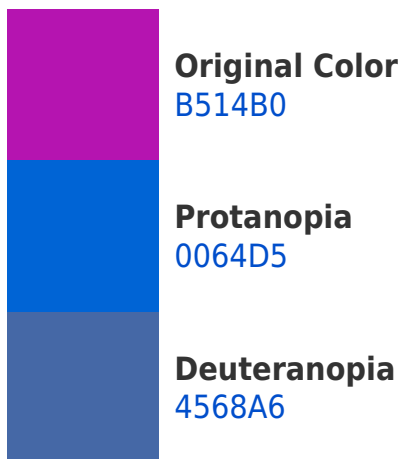



This preview shows how white text looks on a background with the Hex color B514B0.

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
AA474B

Trichromacy



Original Color
B514B0



Protanomaly
4247C8



Deuteranomaly
6E49AA



Tritanomaly
AE3470

Monochromacy



Original Color
B514B0



Achromatopsia
565656



Achromatomaly
793E77

CSS Examples

Text

The CSS property to change the color of the text to Hex B514B0 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 #B514B0 looks like.

```
.text, #text, p{  
    color:#B514B0  
}
```

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 #B514B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B514B0
}
```

Border

The CSS property to change the border of an element to Hex B514B0 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".

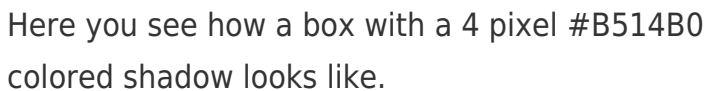
```
.border, #border, table{ border:4px solid
#B514B0 }
```

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

```
.border{ border-color:#B514B0 }
```

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

Here you see how a box with a 4 pixel #B514B0 colored shadow looks like.

A rectangular box with a thick 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 #B514B0; -webkit-box-shadow:4px 4px  
4px 4px #B514B0; box-shadow:4px 4px 4px  
4px #B514B0 }
```

Background

The CSS property to change the background color of an element to Hex B514B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B514B0 }
```

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

```
.background{ background-color:#B514B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor