

# Converting Colors

Hex(B530A7)

Have a look what the booklet for  
Hex(B530A7) contains.

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**Color**

**Hex(B530A7)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | B530A7                     |
| RGB           | 181, 48, 167               |
| RGB Percent   | 71%, 19%, 65%              |
| CMY           | 0.2902, 0.8118, 0.3451     |
| CMYK          | 0.00, 0.73, 0.08, 0.29     |
| HSL           | 306°, 58%, 45%             |
| HSV           | 306°, 73%, 71%             |
| XYZ           | 27.0881, 14.7277, 37.9742  |
| YIQ           | 101.3330, 41.0690, 65.2050 |

# Conversions

## Conversions Part 2

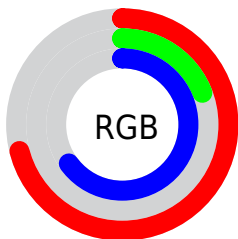
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 181, 48, 167                  |
| Decimal                             | 11874471                      |
| CIE <sub>Lab</sub>                  | 45.26, 64.99, -35.16          |
| CIE <sub>LCh</sub>                  | 45, 73.895, 331.587           |
| Yxy                                 | 14.7277, 0.3395,<br>0.1846    |
| Android<br>(android.graphics.Color) | 4290064551<br>(0xFFB530A7)    |
| YUV                                 | 101.3330, 32.3738,<br>69.8680 |
| Hunter-Lab                          | 38.3767, 58.8346,<br>-31.8046 |

# Details

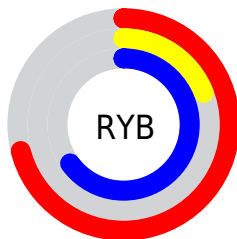
The Hex color **B530A7** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **30B53E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **F06BDF**, and **7C0072** is the 20% darker color. If you saturate the color by 10%, you get **B51EA5**, and if you desaturate by 10%, it is **B542A9**.

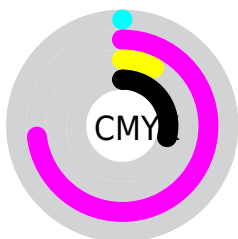
# Distribution



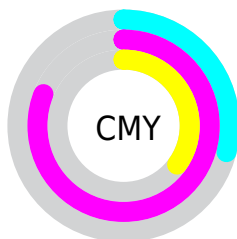
- Red (71%)
- Green (19%)
- Blue (65%)



- Red (71%)
- Yellow (19%)
- Blue (65%)



- Cyan (0%)
- Magenta (73%)
- Yellow (8%)
- Black (29%)



- Cyan (29%)
- Magenta (81%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B530A7 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 B530A7 by changing the saturation by 10% instead.



 B530A7

 B530A7

FFFFFF

 98018C

 F06BDF

 7C0072

 FF87FB

 610059

 FFA4FF

 460042

 FFC1FF

 2C002B

 FFDEFF

 000014

 FFFCFF

 000000

 B530A7

 B530A7

 B51EA5

 B542A9

 B50CA3

 B554AB

 B500A2

 B566AD

 B578AF

 B58BB1

 B59DB2

 B5AFB4

 B5C1B6

 B5D3B8

# Harmonies

## Analogous

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



6659D6



B530A7



D3006B

# Triad

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



B530A7



806A00



0085AB

# Complementary

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



B530A7



30B53E

# 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.



00846D



B530A7



3F7900

# Square

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



B530A7



AF5000



00812A



0080D8

# Rectangle

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



B530A7



D31542



00812A



008597



# Sweetspot

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



B530A7



EBB7E5



3D30B5



755772



F5F5F5



757575



# Same Dimension

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



B530A7



EB1CD5



B53065



595058



990089



1A0017



# Inverse Universe

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



B530A7



EB1CD5



30B580



595058



990089



1A0017



# Previews

## White Background



This preview shows how the Hex color B530A7 looks on a white background.

## Color Contrast Check

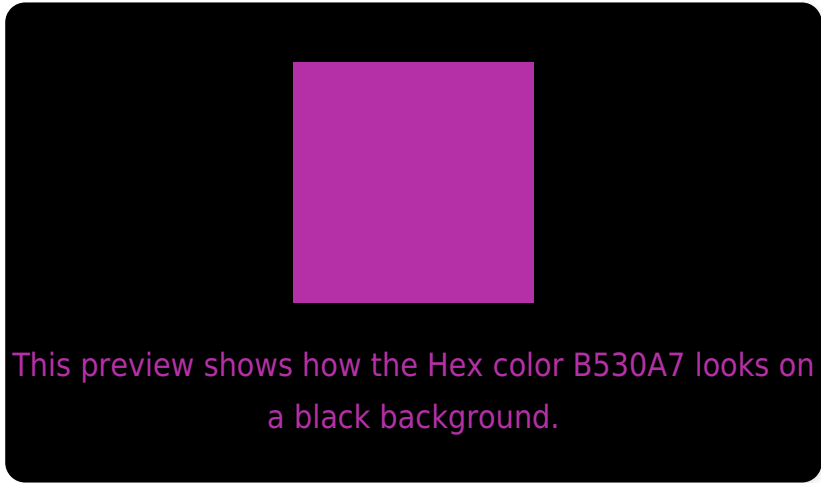
Large Text (above 18pt) WCAG AA ✓ Pass

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

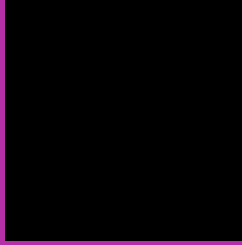
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B530A7 Background



This preview shows how black text looks on a background with the Hex color B530A7.

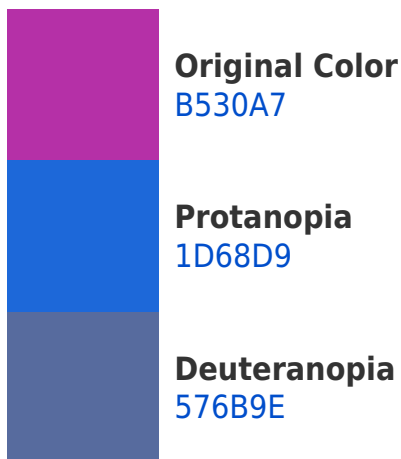


This preview shows how white text looks on a background with the Hex color B530A7.

# 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





# Trichromacy



**Original Color**  
B530A7



**Protanomaly**  
5454C7



**Deuteranomaly**  
7956A1



**Tritanomaly**  
AF4271

# Monochromacy



**Original Color**  
B530A7



**Achromatopsia**  
656565



**Achromatomaly**  
82527D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B530A7 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 #B530A7 looks like.

```
.text, #text, p{  
    color:#B530A7  
}
```

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 #B530A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B530A7
}
```

## Border

The CSS property to change the border of an element to Hex B530A7 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
#B530A7 }
```

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

```
.border{ border-color:#B530A7 }
```

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

Here you see how a box with a 4 pixel #B530A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B530A7; -webkit-box-shadow:4px 4px  
4px 4px #B530A7; box-shadow:4px 4px 4px  
4px #B530A7 }
```

# Background

The CSS property to change the background color of an element to Hex B530A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B530A7 }
```

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

```
.background{ background-color:#B530A7 }
```

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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