

# Converting Colors

Hex(B51EC6)

Have a look what the booklet for  
Hex(B51EC6) contains.

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**Color**

**Hex(B51EC6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B51EC6
RGB	181, 30, 198
RGB Percent	71%, 12%, 78%
CMY	0.2902, 0.8824, 0.2235
CMYK	0.09, 0.85, 0.00, 0.22
HSL	294°, 74%, 45%
HSV	294°, 85%, 78%
XYZ	29.7134, 14.8295, 54.7224
YIQ	94.3010, 36.0680, 84.2600

# Conversions

## Conversions Part 2

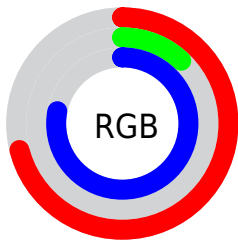
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 30, 198
Decimal	11869894
CIELab	45.40, 74.69, -53.15
CIElCh	45, 91.672, 324.564
Yxy	14.8295, 0.2993, 0.1494
Android (android.graphics.Color)	4290059974 (0xFFB51EC6)
YUV	94.3010, 51.1236, 76.0350
Hunter-Lab	38.5091, 70.3384, -57.2962

# Details

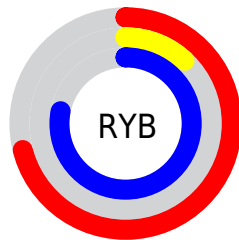
The Hex color **B51EC6** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed purple. A complement of this color would be **2FC61E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F162FF**, and **7B008F** is the 20% darker color. If you saturate the color by 10%, you get **B30AC6**, and if you desaturate by 10%, it is **B732C6**.

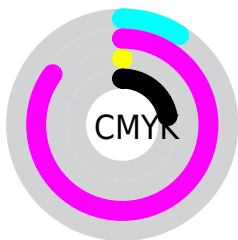
# Distribution



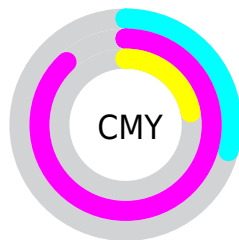
- Red (71%)
- Green (12%)
- Blue (78%)



- Red (71%)
- Yellow (12%)
- Blue (78%)



- Cyan (9%)
- Magenta (85%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (88%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B51EC6 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 B51EC6 by changing the saturation by 10% instead.



 B51EC6

 B51EC6

FFFFFF

 9800AA

 F162FF

 7B008F

 FF7FFF

 5F0075

 FF9CFF

 43005B

 FFB9FF

 270043

 FFD7FF

 00002C

 FFF5FF

 000116

 000000

 B51EC6

 B51EC6

 B30AC6

 B732C6

 B200C6

 B946C6

 BB59C6

 BD6DC6

 BF81C6

 C195C6

 C3A9C6

 C5BCC6

 C7D0C6

# Harmonies

## Analogous

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



005EFA



B51EC6



E5007D

# Triad

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



B51EC6



8F6400



0089AA

# Complementary

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



B51EC6



2FC61E

# 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.



00885B



B51EC6



447900

# Square

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



B51EC6



C63A00



008300



0087EA

# Rectangle

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



B51EC6



EA004B



008300



008990



# Sweetspot

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



B51EC6



F9BFFF



1E32C6



7C5980



000000



808080



# Same Dimension

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



B51EC6



E500FF



C61E86



625A63



9300A3



200024



# Inverse Universe

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



C61E2F



FF001A



1EC65E



635A5B



A30011

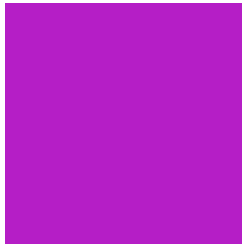


240004



# Previews

## White Background



This preview shows how the Hex color B51EC6 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

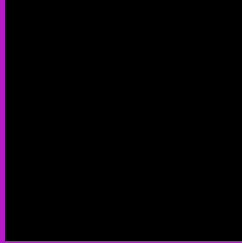
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B51EC6 Background



This preview shows how black text looks on a background with the Hex color B51EC6.

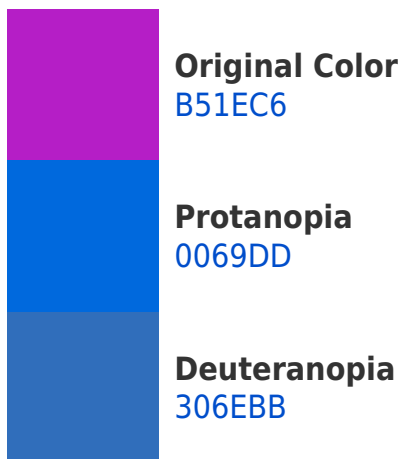


This preview shows how white text looks on a background with the Hex color B51EC6.

# 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**  
A75157

# Trichromacy



**Original Color**  
B51EC6



**Protanomaly**  
424ED5



**Deuteranomaly**  
6051BF



**Tritanomaly**  
AC3E7F

# Monochromacy



**Original Color**  
B51EC6



**Achromatopsia**  
5E5E5E



**Achromatomaly**  
7E4784

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B51EC6 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 #B51EC6 looks like.

```
.text, #text, p{  
    color:#B51EC6  
}
```

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 #B51EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B51EC6
}
```

## Border

The CSS property to change the border of an element to Hex B51EC6 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
#B51EC6 }
```

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

```
.border{ border-color:#B51EC6 }
```

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

Here you see how a box with a 4 pixel #B51EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B51EC6; -webkit-box-shadow:4px 4px  
4px 4px #B51EC6; box-shadow:4px 4px 4px  
4px #B51EC6 }
```

# Background

The CSS property to change the background color of an element to Hex B51EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B51EC6 }
```

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

```
.background{ background-color:#B51EC6 }
```

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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