

# Converting Colors

Hex(B11CD4)

Have a look what the booklet for  
Hex(B11CD4) contains.

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**Color**

**Hex(B11CD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B11CD4
RGB	177, 28, 212
RGB Percent	69%, 11%, 83%
CMY	0.3059, 0.8902, 0.1686
CMYK	0.17, 0.87, 0.00, 0.17
HSL	289°, 77%, 47%
HSV	289°, 87%, 83%
XYZ	30.4304, 14.9311, 63.5655
YIQ	93.5270, 29.7400, 88.8120

# Conversions

## Conversions Part 2

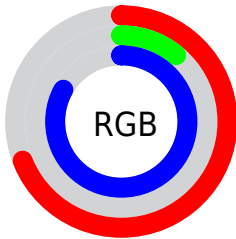
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 28, 212
Decimal	11607252
CIE Lab	45.54, 76.80, -61.05
CIE LCh	46, 98.106, 321.516
Yxy	14.9311, 0.2794, 0.1371
Android (android.graphics.Color)	4289797332 (0xFFB11CD4)
YUV	93.5270, 58.4072, 73.2058
Hunter-Lab	38.6408, 72.9510, -70.4857

# Details

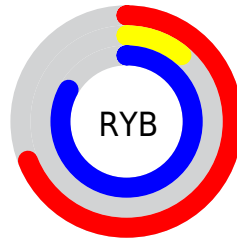
The Hex color **B11CD4** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **3FD41C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **ED61FF**, and **77009C** is the 20% darker color. If you saturate the color by 10%, you get **AD07D4**, and if you desaturate by 10%, it is **B531D4**.

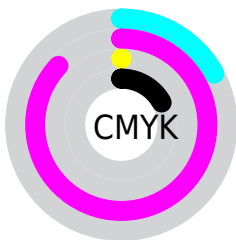
# Distribution



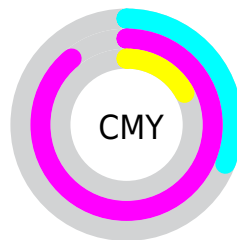
- Red (69%)
- Green (11%)
- Blue (83%)



- Red (69%)
- Yellow (11%)
- Blue (83%)



- Cyan (17%)
- Magenta (87%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (89%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B11CD4 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 B11CD4 by changing the saturation by 10% instead.



 B11CD4

 B11CD4

FFFFFF

 9400B8

 ED61FF

 77009C

 FF7EFF

 5A0081

 FF9BFF

 3D0067

 FFB9FF

 1F004E

 FFD6FF

 000036

 FFF4FF

 000220

 000004

 000000

 B11CD4

 B11CD4

 AD07D4

 B531D4

 AC00D4

 B946D4

 BD5CD4

 C171D4

 C586D4

 C99BD4

 CDB0D4

 D1C6D4

 D5DBD4

# Harmonies

## Analogous

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



0062FF



B11CD4



EA0087

# Triad

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



B11CD4



976100



008BA7

# Complementary

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



B11CD4



3FD41C

# 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.



008951



B11CD4



497900

# Square

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



B11CD4



CF2B00



008400



0089EE

# Rectangle

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



B11CD4



F20051



008400



008A8B



# Sweetspot

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



B11CD4



F2BDFE



1C41D4



785880



000000



808080



# Same Dimension

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



B11CD4



CE00FF



D41C9D



69606B



8A00AB



23002B



# Inverse Universe

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



D41C3F



FF0031



1CD453



6B6062



AB0020



2B0008



# Previews

## White Background



This preview shows how the Hex color B11CD4 looks on a white background.

## Color Contrast Check

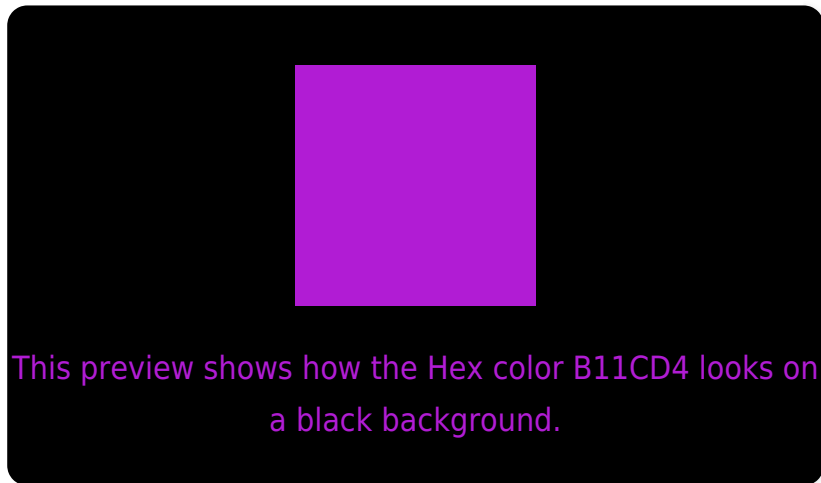
Large Text (above 18pt) WCAG AA ✓ Pass

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

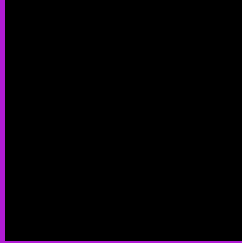
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B11CD4 Background



This preview shows how black text looks on a background with the Hex color B11CD4.

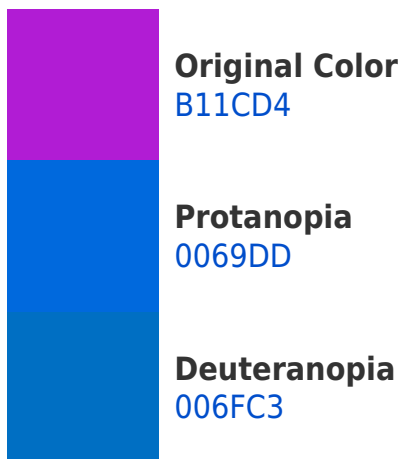



This preview shows how white text looks on a background with the Hex color B11CD4.

# 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](#).

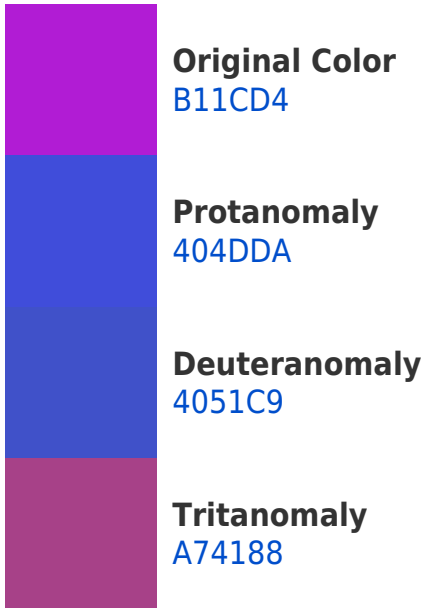
## Dichromacy





**Tritanopia**  
A1565C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B11CD4 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 #B11CD4 looks like.

```
.text, #text, p{  
    color:#B11CD4  
}
```

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 #B11CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B11CD4
}
```

## Border

The CSS property to change the border of an element to Hex B11CD4 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
#B11CD4 }
```

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

```
.border{ border-color:#B11CD4 }
```

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

Here you see how a box with a 4 pixel #B11CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B11CD4; -webkit-box-shadow:4px 4px  
4px 4px #B11CD4; box-shadow:4px 4px 4px  
4px #B11CD4 }
```

# Background

The CSS property to change the background color of an element to Hex B11CD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B11CD4 }
```

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

```
.background{ background-color:#B11CD4 }
```

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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