

# Converting Colors

Hex(B191D4)

Have a look what the booklet for  
Hex(B191D4) contains.

<b>Hex(B191D4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B191D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B191D4
RGB	177, 145, 212
RGB Percent	69%, 57%, 83%
CMY	0.3059, 0.4314, 0.1686
CMYK	0.17, 0.32, 0.00, 0.17
HSL	269°, 44%, 70%
HSV	269°, 32%, 83%
XYZ	40.1405, 34.3514, 66.8022
YIQ	162.2060, -2.4350, 27.6210

# Conversions

## Conversions Part 2

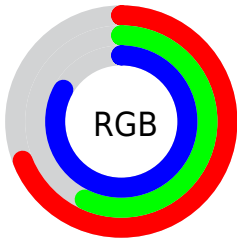
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 145, 212
Decimal	11637204
CIE <sub>Lab</sub>	65.24, 24.96, -29.87
CIE <sub>LCh</sub>	65, 38.928, 309.876
Yxy	34.3514, 0.2841, 0.2431
Android (android.graphics.Color)	4289827284 (0xFFB191D4)
YUV	162.2060, 24.5484, 12.9743
Hunter-Lab	58.6100, 19.6825, -26.5502

# Details

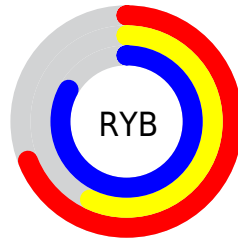
The Hex color **B191D4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B4D491**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **E9C7FF**, and **7B5E9D** is the 20% darker color. If you saturate the color by 10%, you get **A67CD4**, and if you desaturate by 10%, it is **BCA6D4**.

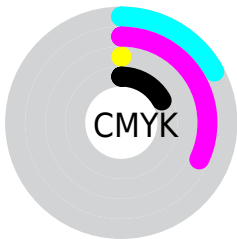
# Distribution



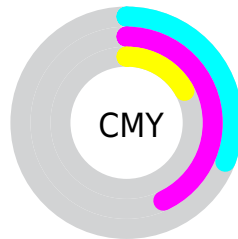
- Red (69%)
- Green (57%)
- Blue (83%)



- Red (69%)
- Yellow (57%)
- Blue (83%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (43%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B191D4 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 B191D4 by changing the saturation by 10% instead.



 B191D4

 B191D4

FFFFFF

 9677B8

 E9C7FF

 7B5E9D

 FFE3FF

 624683

 492F69

 311951

 1A033A

 000024

 00000B

 000000

 B191D4

 B191D4

 A67CD4

 BCA6D4

 9B67D4

 C7BBD4

 9051D4

 D2D1D4

 853CD4

 DDE6D4

 7A27D4

 E8FBD4

 6F12D4

 F3FFD4

 6500D4

 FFFFD4

# Harmonies

## Analogous

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



7D9EE3



B191D4



D386B7

# Triad

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



B191D4



C9945D



0FB1A9

# Complementary

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



B191D4



B4D491

# 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.



56AF85



B191D4



A9A058

# Square

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



B191D4



DD8973



83A967



00AFCA

# Rectangle

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



B191D4



DF83A0



83A967



2FB19D



# Sweetspot

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



B191D4



F3E8FF



91B5D4



787180



000000



808080



# Same Dimension

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



B191D4



CC9EFF



D291D4



66606B



5200AB



15002B



# Inverse Universe

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



D491B4



FF9ED1



93D491



6B6066



AB0059

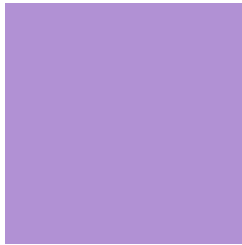


2B0017



# Previews

## White Background



This preview shows how the Hex color B191D4 looks on a white background.

## Color Contrast Check

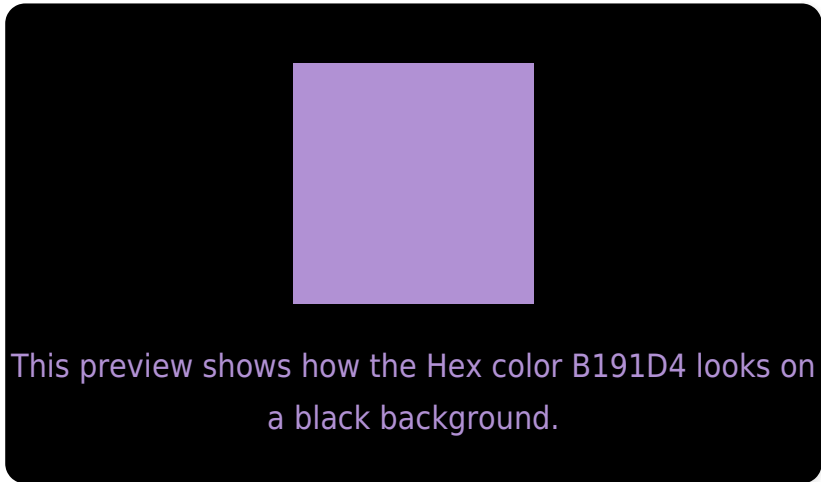
Large Text (above 18pt) WCAG AA × Fail

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

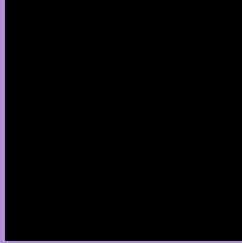
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B191D4 Background



This preview shows how black text looks on a background with the Hex color B191D4.

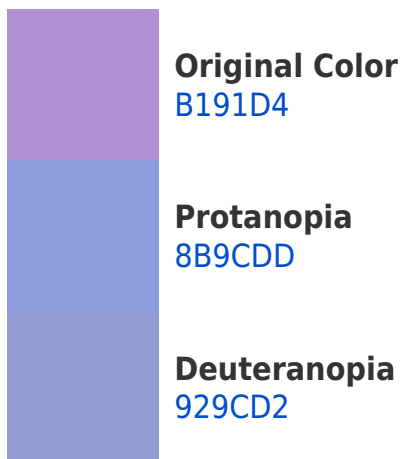



This preview shows how white text looks on a background with the Hex color B191D4.

# 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](#).

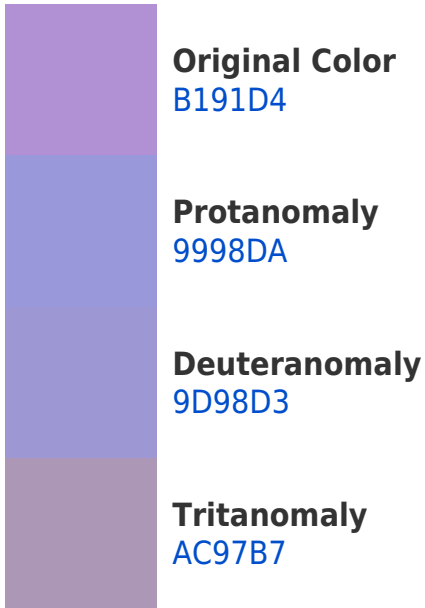
## Dichromacy



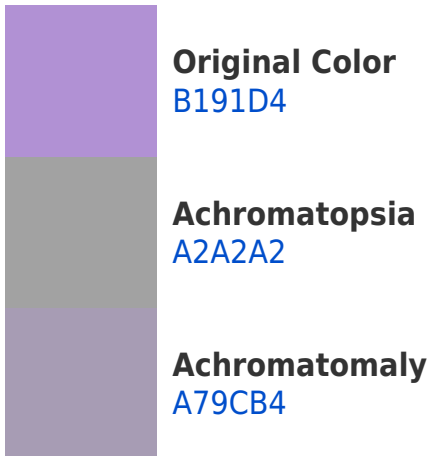


**Tritanopia**  
A99AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B191D4 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 #B191D4 looks like.

```
.text, #text, p{  
    color:#B191D4  
}
```

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 #B191D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B191D4
}
```

## Border

The CSS property to change the border of an element to Hex B191D4 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
#B191D4 }
```

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

```
.border{ border-color:#B191D4 }
```

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

Here you see how a box with a 4 pixel #B191D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B191D4; -webkit-box-shadow:4px 4px  
4px 4px #B191D4; box-shadow:4px 4px 4px  
4px #B191D4 }
```

# Background

The CSS property to change the background color of an element to Hex B191D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B191D4 }
```

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

```
.background{ background-color:#B191D4 }
```

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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