

Converting Colors

Hex(B193D2)

Have a look what the booklet for
Hex(B193D2) contains.

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Color

Hex(B193D2)

Conversions

Conversions Part 1

Format	Color
Hex	B193D2
RGB	177, 147, 210
RGB Percent	69%, 58%, 82%
CMY	0.3059, 0.4235, 0.1765
CMYK	0.16, 0.30, 0.00, 0.18
HSL	269°, 41%, 70%
HSV	269°, 30%, 82%
XYZ	40.1980, 34.8677, 65.5842
YIQ	163.1520, -2.3430, 25.9530

Conversions

Conversions Part 2

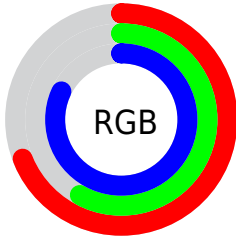
Format	Color
RYB	177, 147, 210
Decimal	11637714
CIELab	65.65, 23.39, -28.14
CIElCh	66, 36.590, 309.738
Yxy	34.8677, 0.2858, 0.2479
Android (android.graphics.Color)	4289827794 (0xFFB193D2)
YUV	163.1520, 23.0961, 12.1447
Hunter-Lab	59.0489, 18.1799, -24.5178

Details

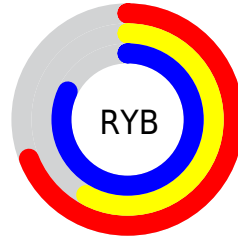
The Hex color **B193D2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B4D293**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E9C9FF**, and **7C609B** is the 20% darker color. If you saturate the color by 10%, you get **A67ED2**, and if you desaturate by 10%, it is **BCA8D2**.

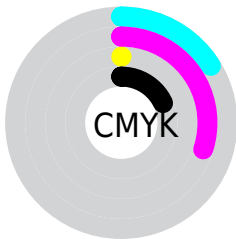
Distribution



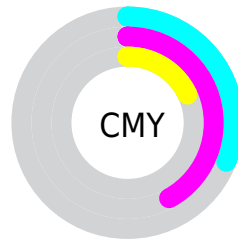
- Red (69%)
- Green (58%)
- Blue (82%)



- Red (69%)
- Yellow (58%)
- Blue (82%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color B193D2 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 B193D2 by changing the saturation by 10% instead.

 B193D2

 B193D2

FFFFFF

 9679B6


 E9C9FF

 7C609B

 FFE5FF

 624881

 493168

 311B4F

 1A0538

 000022

 000008

 000000

 B193D2

 B193D2

 A67ED2

 BCA8D2

 9B69D2

 C7BDD2

 9054D2

 D2D2D2

 853FD2

 DDE7D2

 7A2AD2

 E8FCD2

 6F15D2

 F3FFD2

 6400D2

 FEFFD2

 FFFFD2

Harmonies

Analogous

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



819FE0



B193D2



D189B7

Triad

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



B193D2



C89662



2CB1A9

Complementary

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



B193D2



B4D293

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.



5EAF88



B193D2



AAA15E

Square

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



B193D2



DB8B77



87AA6C



01AFC8

Rectangle

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



B193D2



DC86A1



87AA6C



3EB19E

Sweetspot

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



B193D2



F3E8FF



93B5D2



787180



000000



808080

Same Dimension

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



B193D2



CFA3FF



D093D2



635E69



5000A8



130029

Inverse Universe

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



D293B4



FFA3D3



95D293



695E64



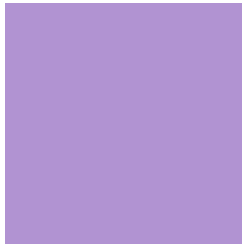
A80058



290015

Previews

White Background



This preview shows how the Hex color B193D2 looks on a white background.

Color Contrast Check

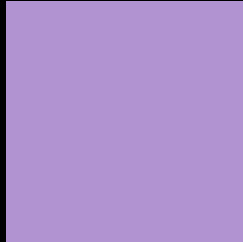
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B193D2 looks on a 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 B193D2 Background



This preview shows how black text looks on a background with the Hex color B193D2.

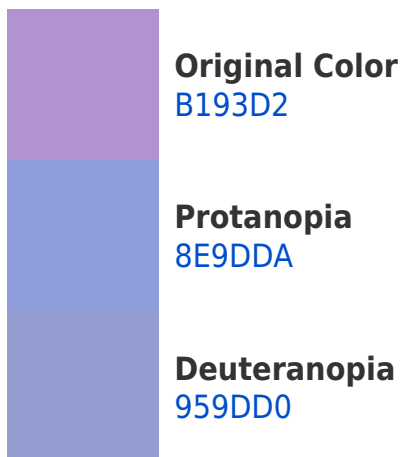


This preview shows how white text looks on a background with the Hex color B193D2.

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](#).

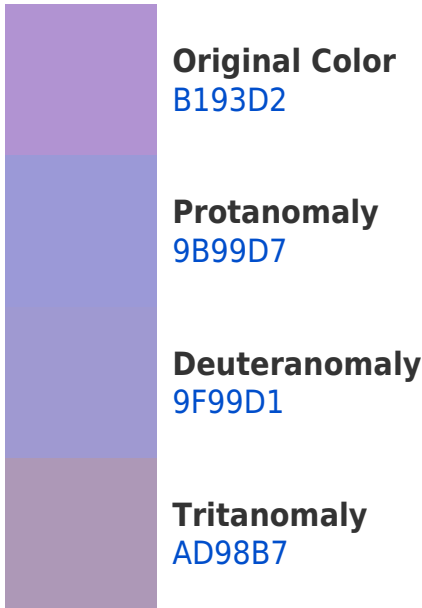
Dichromacy



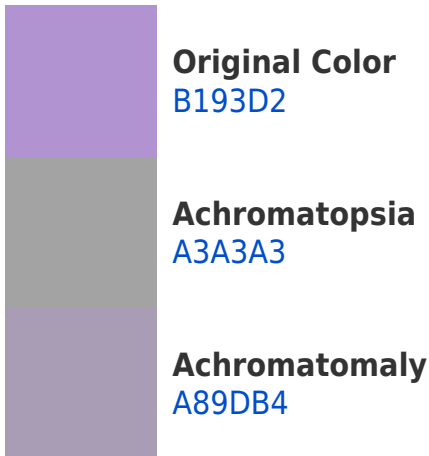


Tritanopia
AA9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B193D2 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 #B193D2 looks like.

```
.text, #text, p{  
    color:#B193D2  
}
```

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 #B193D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B193D2
}
```

Border

The CSS property to change the border of an element to Hex B193D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

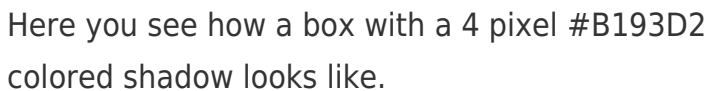
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B193D2 }
```

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

```
.border{ border-color:#B193D2 }
```

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



Here you see how a box with a 4 pixel #B193D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B193D2; -webkit-box-shadow:4px 4px  
4px 4px #B193D2; box-shadow:4px 4px 4px  
4px #B193D2 }
```

Background

The CSS property to change the background color of an element to Hex B193D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B193D2 }
```

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

```
.background{ background-color:#B193D2 }
```

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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