

Converting Colors

Hex(B193DF)

Have a look what the booklet for
Hex(B193DF) contains.

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Color

Hex(B193DF)

Conversions

Conversions Part 1

Format	Color
Hex	B193DF
RGB	177, 147, 223
RGB Percent	69%, 58%, 87%
CMY	0.3059, 0.4235, 0.1255
CMYK	0.21, 0.34, 0.00, 0.13
HSL	264°, 54%, 73%
HSV	264°, 34%, 87%
XYZ	41.8845, 35.5423, 74.4648
YIQ	164.6340, -6.5160, 29.9960

Conversions

Conversions Part 2

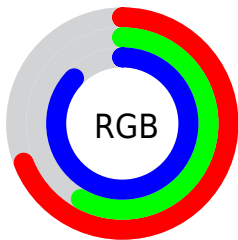
Format	Color
RYB	177, 147, 223
Decimal	11637727
CIELab	66.17, 26.31, -34.54
CIELCh	66, 43.420, 307.302
Yxy	35.5423, 0.2758, 0.2340
Android (android.graphics.Color)	4289827807 (0xFFB193DF)
YUV	164.6340, 28.7744, 10.8450
Hunter-Lab	59.6173, 21.0758, -32.3238

Details

The Hex color **B193DF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C1DF93**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EAC9FF**, and **7B60A7** is the 20% darker color. If you saturate the color by 10%, you get **A47DDF**, and if you desaturate by 10%, it is **BEA9DF**.

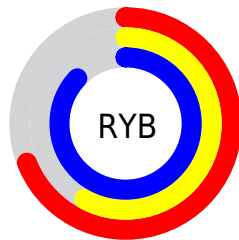
Distribution



Red (69%)

Green (58%)

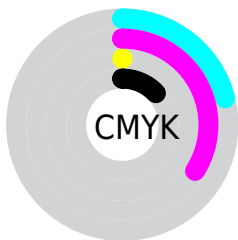
Blue (87%)



Red (69%)

Yellow (58%)

Blue (87%)

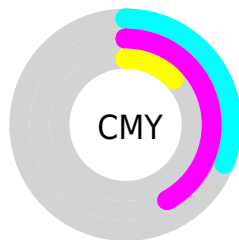


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (42%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B193DF 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 B193DF by changing the saturation by 10% instead.

 B193DF

 B193DF

FFFFFF

 9679C3

 EAC9FF

 7B60A7

 FFE5FF

 61488D

 483173

 2F1B5A

 160542

 00002C

 000116

 000000

 B193DF

 B193DF

 A47DDF

 BEA9DF

 9666DF

 CCC0DF

 8950DF

 D9D6DF

 7B3ADF

 E7ECDF

 6E23DF

 F4FFDF

 600DDF

 FFFFDF

 5800DF

Harmonies

Analogous

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



73A2EE



B193DF



D986C0

Triad

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



B193DF



D19459



00B5A9

Complementary

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



B193DF



C1DF93

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.



52B381



B193DF



B0A252

Square

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



B193DF



E78774



86AC61



00B3CF

Rectangle

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



B193DF



E781A6



86AC61



17B59C

Sweetspot

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



B193DF



F0E6FF



93C2DF



767080



000000



808080

Same Dimension

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



B193DF



C096FF



D693DF



696570



4500B0



130030

Inverse Universe

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



DF93C1



FF96D6



9CDF93



70656C



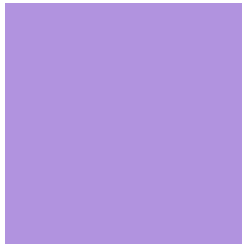
B0006A



30001D

Previews

White Background



This preview shows how the Hex color B193DF looks on a white background.

Color Contrast Check

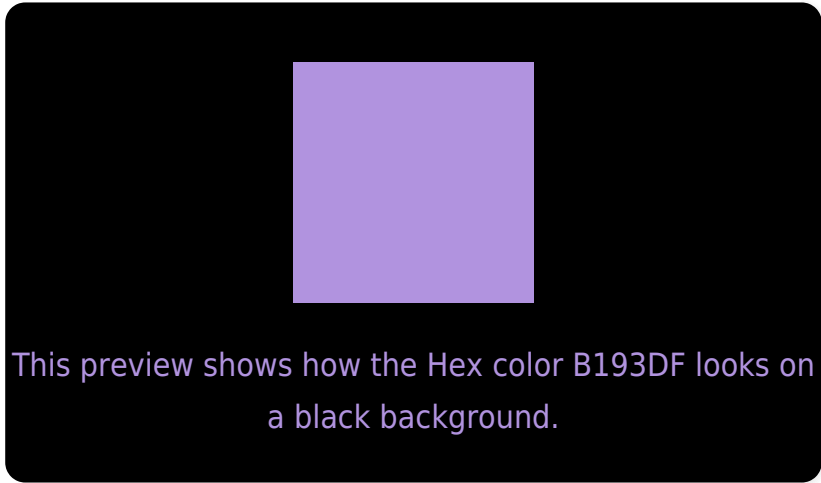
Large Text (above 18pt) WCAG AA × Fail

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

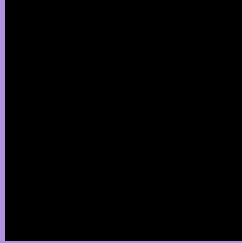
Any Text WCAG AA ✓ Pass

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 B193DF Background



This preview shows how black text looks on a background with the Hex color B193DF.

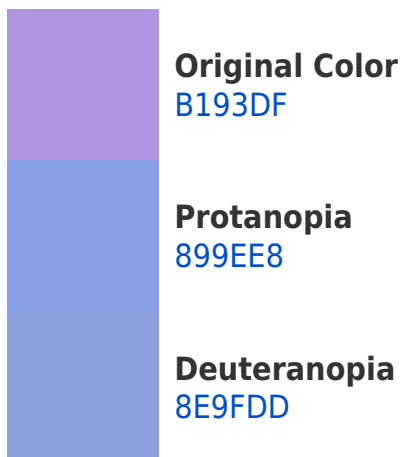


This preview shows how white text looks on a background with the Hex color B193DF.

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](#).

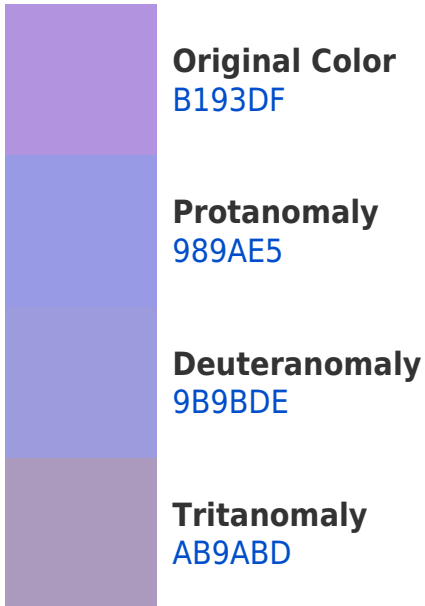
Dichromacy



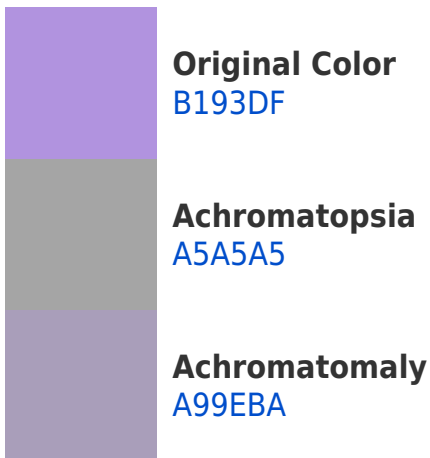


Tritanopia
A89EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B193DF 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 #B193DF looks like.

```
.text, #text, p{  
    color:#B193DF  
}
```

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 #B193DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B193DF
}
```

Border

The CSS property to change the border of an element to Hex B193DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

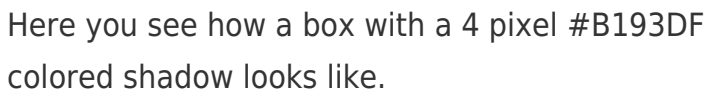
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B193DF }
```

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

```
.border{ border-color:#B193DF }
```

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



Here you see how a box with a 4 pixel #B193DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B193DF; -webkit-box-shadow:4px 4px  
4px 4px #B193DF; box-shadow:4px 4px 4px  
4px #B193DF }
```

Background

The CSS property to change the background color of an element to Hex B193DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B193DF }
```

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

```
.background{ background-color:#B193DF }
```

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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