

Converting Colors

Hex(B195DC)

Have a look what the booklet for
Hex(B195DC) contains.

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Color

Hex(B195DC)

Conversions

Conversions Part 1

Format	Color
Hex	B195DC
RGB	177, 149, 220
RGB Percent	69%, 58%, 86%
CMY	0.3059, 0.4157, 0.1373
CMYK	0.20, 0.32, 0.00, 0.14
HSL	264°, 50%, 72%
HSV	264°, 32%, 86%
XYZ	41.7972, 36.0093, 72.4577
YIQ	165.4660, -6.1030, 28.0170

Conversions

Conversions Part 2

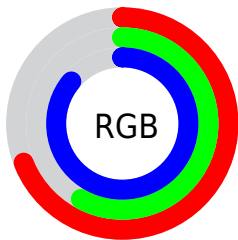
Format	Color
RYB	177, 149, 220
Decimal	11638236
CIELab	66.53, 24.50, -32.32
CIElCh	67, 40.561, 307.166
Yxy	36.0093, 0.2782, 0.2396
Android (android.graphics.Color)	4289828316 (0xFFB195DC)
YUV	165.4660, 26.8853, 10.1153
Hunter-Lab	60.0078, 19.3169, -29.5856

Details

The Hex color **B195DC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C0DC95**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E9CBFF**, and **7B62A5** is the 20% darker color. If you saturate the color by 10%, you get **A47FDC**, and if you desaturate by 10%, it is **BEABDC**.

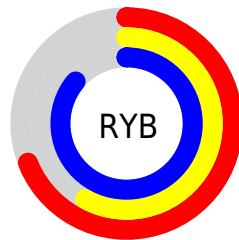
Distribution



Red (69%)

Green (58%)

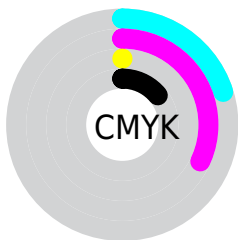
Blue (86%)



Red (69%)

Yellow (58%)

Blue (86%)

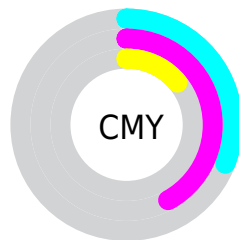


Cyan (20%)

Magenta (32%)

Yellow (0%)

Black (14%)



Cyan (31%)

Magenta (42%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B195DC 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 B195DC by changing the saturation by 10% instead.

 B195DC

 B195DC

FFFFFF

 967BC0

 E9CBFF

 7B62A5

 FFE8FF

 614A8A

 483370

 301D58

 170840

 00002A

 000113

 000000

 B195DC

 B195DC

 A47FDC

 BEABDC

 9669DC

 CCC1DC

 8953DC

 D9D7DC

 7C3DDC

 E6EDDC

 6E27DC

 F4FFDC

 6111DC

 FFFFDC

 5700DC

Harmonies

Analogous

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



79A3EA



B195DC



D689BF

Triad

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



B195DC



D0965F



0AB5AA

Complementary

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



B195DC



C0DC95

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.



5BB384



B195DC



B0A358

Square

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



B195DC



E48A78



89AD66



00B3CD

Rectangle

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



B195DC



E485A7



89AD66



31B59D

Sweetspot

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



B195DC



F0E6FF



95C1DC



767080



000000



808080

Same Dimension

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



B195DC



C39CFF



D495DC



67636E



4400AD



12002E

Inverse Universe

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



DC95C0



FF9CD8



9DDC95



6E6369



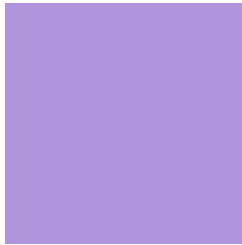
AD0069



2E001C

Previews

White Background



This preview shows how the Hex color B195DC looks on a white background.

Color Contrast Check

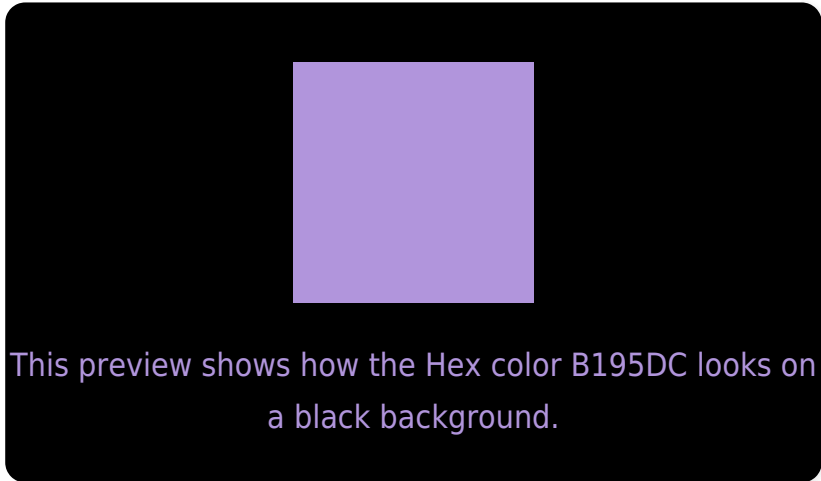
Large Text (above 18pt) WCAG AA × Fail

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

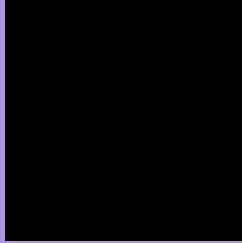
Any Text WCAG AA ✓ Pass

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 B195DC Background



This preview shows how black text looks on a background with the Hex color B195DC.

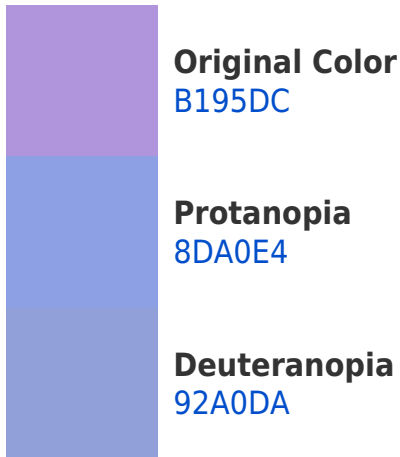


This preview shows how white text looks on a background with the Hex color B195DC.

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](#).

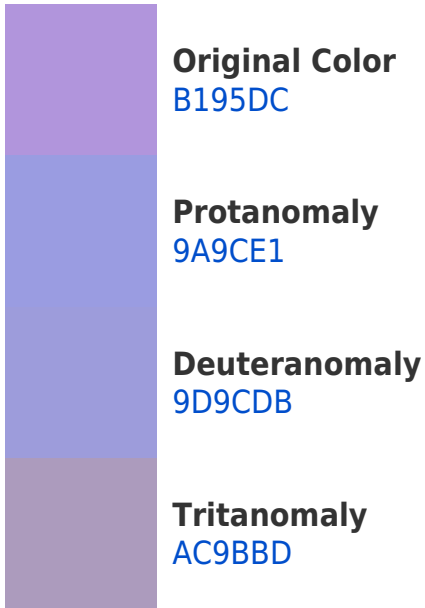
Dichromacy



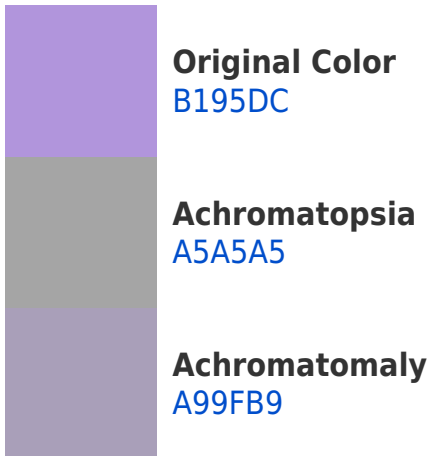


Tritanopia
A99FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B195DC 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 #B195DC looks like.

```
.text, #text, p{  
    color:#B195DC  
}
```

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 #B195DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B195DC
}
```

Border

The CSS property to change the border of an element to Hex B195DC 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
#B195DC }
```

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

```
.border{ border-color:#B195DC }
```

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

Here you see how a box with a 4 pixel #B195DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B195DC; -webkit-box-shadow:4px 4px  
4px 4px #B195DC; box-shadow:4px 4px 4px  
4px #B195DC }
```

Background

The CSS property to change the background color of an element to Hex B195DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B195DC }
```

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

```
.background{ background-color:#B195DC }
```

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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