

Converting Colors

Hex(B093FF)

Have a look what the booklet for
Hex(B093FF) contains.

Hex(B093FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B093FF)

Conversions

Conversions Part 1

Format	Color
Hex	B093FF
RGB	176, 147, 255
RGB Percent	69%, 58%, 100%
CMY	0.3098, 0.4235, 0.0000
CMYK	0.31, 0.42, 0.00, 0.00
HSL	256°, 100%, 79%
HSV	256°, 42%, 100%
XYZ	46.3882, 37.3175, 99.3658
YIQ	167.9830, -17.3840, 39.7360

Conversions

Conversions Part 2

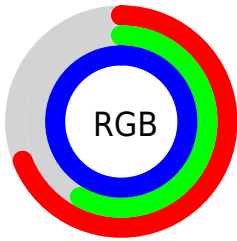
Format	Color
R_{YB}	176, 147, 255
Decimal	11572223
CIE _{Lab}	67.51, 33.69, -50.00
CIE _{LCh}	68, 60.293, 303.969
Yxy	37.3175, 0.2534, 0.2038
Android (android.graphics.Color)	4289762303 (0xFFB093FF)
YUV	167.9830, 42.8994, 7.0309
Hunter-Lab	61.0881, 28.6427, -53.6794

Details

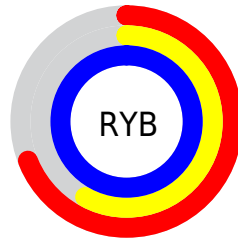
The Hex color **B093FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E2FF93**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EAC9FF**, and **7860C6** is the 20% darker color. If you saturate the color by 10%, you get **9D7AFF**, and if you desaturate by 10%, it is **C3ACFF**.

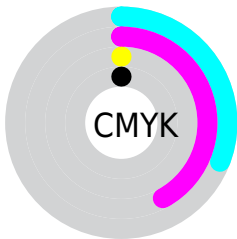
Distribution



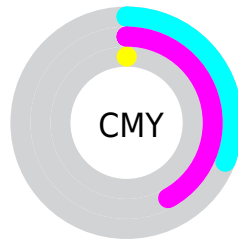
- Red (69%)
- Green (58%)
- Blue (100%)



- Red (69%)
- Yellow (58%)
- Blue (100%)



- Cyan (31%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B093FF 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 B093FF by changing the saturation by 10% instead.

 B093FF

 B093FF

FFFFFF

 9479E2

 EAC9FF

 7860C6

 FFE6FF

 5D48AA

 41318F


 241B75

 00055C

 000044

 00032C

 000117

 B093FF

 B093FF

 9D7AFF

 C3ACFF

 8B60FF

 D5C6FF

 7846FF

 E8E0FF

 652DFF

 FBF9FF

 5313FF

FFFFFF

 4400FF

Harmonies

Analogous

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



38A8FF



B093FF



EC7DD5

Triad

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



B093FF



E79041



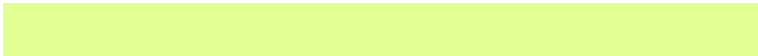
00BFAA

Complementary

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



B093FF



E2FF93

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.



28BB72



B093FF



BBA42E

Square

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



B093FF



FF7C6B



83B344



00BEE0

Rectangle

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



B093FF



FF74B2



83B344



00BE97

Sweetspot

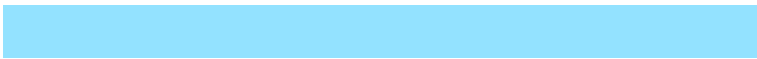
The Sweet Spot groups the original color and five complimentary colors.



B093FF



E7DEFF



93E2FF



716B80



000000



808080

Same Dimension

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



B093FF



A07DFF



E693FF



767380



3300BF



110040

Inverse Universe

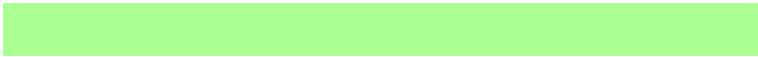
The Inverse Universe completely reimagines the original color for something new.



FF93E2



FF7DDC



ACFF93



80737C



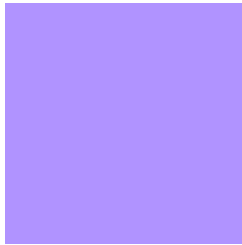
BF008C



40002F

Previews

White Background



This preview shows how the Hex color B093FF 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

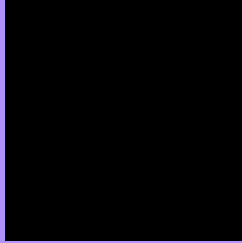
Any Text WCAG AA ✓ Pass

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 B093FF Background



This preview shows how black text looks on a background with the Hex color B093FF.

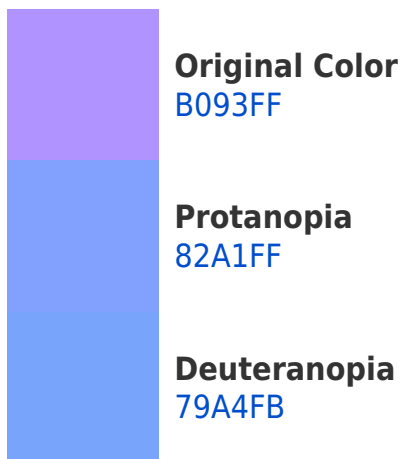


This preview shows how white text looks on a background with the Hex color B093FF.

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](#).

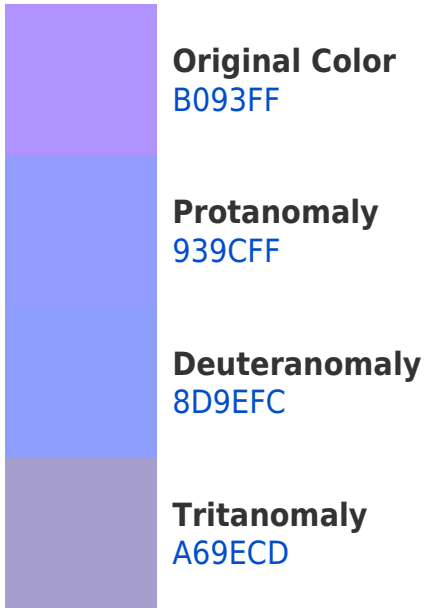
Dichromacy



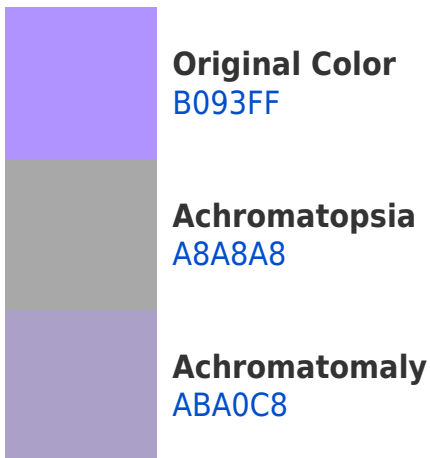


Tritanopia
A0A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B093FF 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 #B093FF looks like.

```
.text, #text, p{  
    color:#B093FF  
}
```

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 #B093FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B093FF
}
```

Border

The CSS property to change the border of an element to Hex B093FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

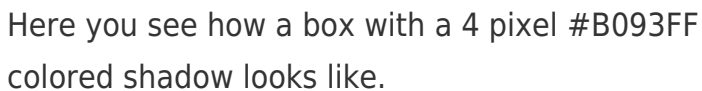
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B093FF }
```

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

```
.border{ border-color:#B093FF }
```

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



Here you see how a box with a 4 pixel #B093FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B093FF; -webkit-box-shadow:4px 4px  
4px 4px #B093FF; box-shadow:4px 4px 4px  
4px #B093FF }
```

Background

The CSS property to change the background color of an element to Hex B093FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B093FF }
```

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

```
.background{ background-color:#B093FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor