

Converting Colors

Hex(BD94F5)

Have a look what the booklet for
Hex(BD94F5) contains.

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Color

Hex(BD94F5)

Conversions

Conversions Part 1

Format	Color
Hex	BD94F5
RGB	189, 148, 245
RGB Percent	74%, 58%, 96%
CMY	0.2588, 0.4196, 0.0392
CMYK	0.23, 0.40, 0.00, 0.04
HSL	265°, 83%, 77%
HSV	265°, 40%, 96%
XYZ	48.0576, 38.5912, 91.3021
YIQ	171.3170, -6.7010, 38.8590

Conversions

Conversions Part 2

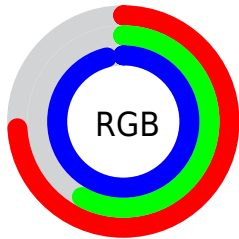
Format	Color
R _Y B	189, 148, 245
Decimal	12424437
CIE Lab	68.45, 34.31, -42.99
CIE LCh	68, 54.998, 308.591
Yxy	38.5912, 0.2701, 0.2169
Android (android.graphics.Color)	4290614517 (0xFFBD94F5)
YUV	171.3170, 36.3257, 15.5080
Hunter-Lab	62.1218, 29.3749, -43.6549

Details

The Hex color **BD94F5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CCF594**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F7CBFF**, and **8661BC** is the 20% darker color. If you saturate the color by 10%, you get **AF7CF5**, and if you desaturate by 10%, it is **CBADF5**.

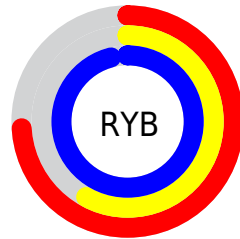
Distribution



Red (74%)

Green (58%)

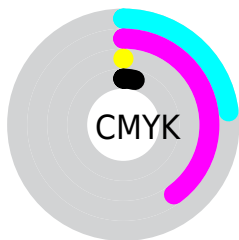
Blue (96%)



Red (74%)

Yellow (58%)

Blue (96%)

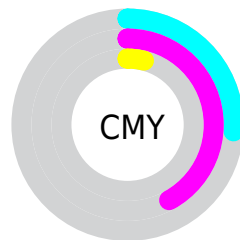


Cyan (23%)

Magenta (40%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (42%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD94F5 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 BD94F5 by changing the saturation by 10% instead.

 BD94F5

 BD94F5

FFFFFF

 A17AD8

 F7CBFF

 8661BC

 FFE7FF

 6B48A1

 513186

 361A6D

 1B0354

 02003C

 000225

 00010E

 BD94F5

 BD94F5

 AF7CF5

 CBADF5

 A163F5

 D9C5F5

 934AF5

 E7DEF5

 8432F5

 F6F6F5

 7619F5

 FFFFF5

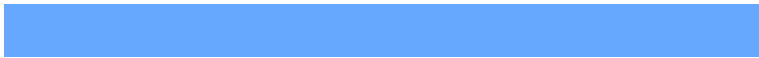
 6801F5

 6800F5

Harmonies

Analogous

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



67A8FF



BD94F5



EF82CC

Triad

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



BD94F5



E09749



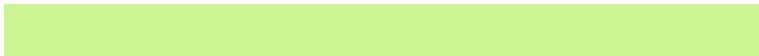
00C0B4

Complementary

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



BD94F5



CCF594

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.



2EBD81



BD94F5



B6A93F

Square

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



BD94F5



FC856B



80B655



00BEE4

Rectangle

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



BD94F5



FF7CAB



80B655



00BFA3

Sweetspot

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



BD94F5



EDE0FF



94CDF5



756E80



000000



808080

Same Dimension

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



BD94F5



B885FF



ED94F5



736E7A



4F00BA



19003B

Inverse Universe

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



F594CC



FF85CB



9CF594



7A6E75



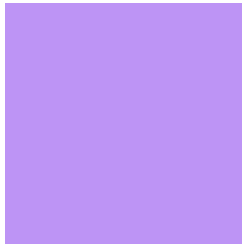
BA006B



3B0022

Previews

White Background



This preview shows how the Hex color BD94F5 looks on a white background.

Color Contrast Check

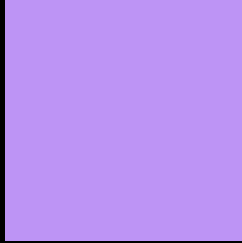
Large Text (above 18pt) WCAG AA × Fail

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 BD94F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

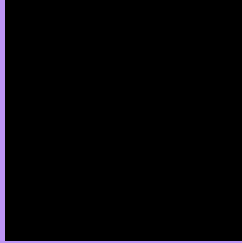
Any Text WCAG AA ✓ Pass

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 BD94F5 Background



This preview shows how black text looks on a background with the Hex color BD94F5.

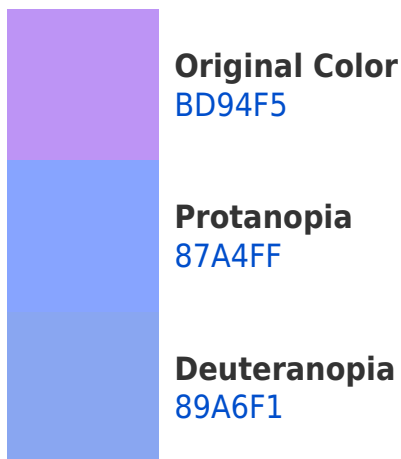


This preview shows how white text looks on a background with the Hex color BD94F5.

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
B1A3B0

Trichromacy



Original Color
BD94F5



Protanomaly
9B9EFB



Deuteranomaly
9C9FF2



Tritanomaly
B59EC9

Monochromacy



Original Color
BD94F5



Achromatopsia
ABABAB



Achromatomaly
B2A3C6

CSS Examples

Text

The CSS property to change the color of the text to Hex BD94F5 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 #BD94F5 looks like.

```
.text, #text, p{  
    color:#BD94F5  
}
```

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 #BD94F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD94F5
}
```

Border

The CSS property to change the border of an element to Hex BD94F5 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
#BD94F5 }
```

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

```
.border{ border-color:#BD94F5 }
```

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

Here you see how a box with a 4 pixel #BD94F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD94F5; -webkit-box-shadow:4px 4px  
4px 4px #BD94F5; box-shadow:4px 4px 4px  
4px #BD94F5 }
```

Background

The CSS property to change the background color of an element to Hex BD94F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD94F5 }
```

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

```
.background{ background-color:#BD94F5 }
```

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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