

Converting Colors

Hex(BD72F8)

Have a look what the booklet for
Hex(BD72F8) contains.

Hex(BD72F8)	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(**BD72F8**)

Conversions

Conversions Part 1

Format	Color
Hex	BD72F8
RGB	189, 114, 248
RGB Percent	74%, 45%, 97%
CMY	0.2588, 0.5529, 0.0275
CMYK	0.24, 0.54, 0.00, 0.03
HSL	274°, 91%, 71%
HSV	274°, 54%, 97%
XYZ	43.9469, 29.6308, 92.2100
YIQ	151.7010, 1.6860, 57.5740

Conversions

Conversions Part 2

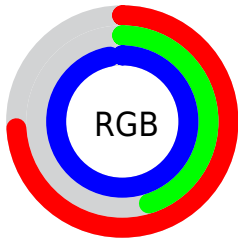
Format	Color
RYB	189, 114, 248
Decimal	12415736
CIELab	61.33, 53.30, -55.89
CIElCh	61, 77.225, 313.641
Yxy	29.6308, 0.2651, 0.1787
Android (android.graphics.Color)	4290605816 (0xFFBD72F8)
YUV	151.7010, 47.4754, 32.7112
Hunter-Lab	54.4341, 48.8504, -62.3318

Details

The Hex color **BD72F8** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **ADF872**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F8A8FF**, and **843EBF** is the 20% darker color. If you saturate the color by 10%, you get **B259F8**, and if you desaturate by 10%, it is **C88BF8**.

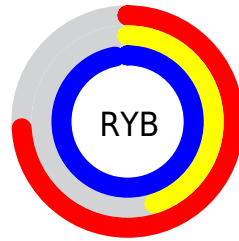
Distribution



Red (74%)

Green (45%)

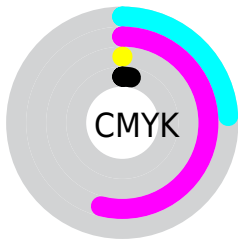
Blue (97%)



Red (74%)

Yellow (45%)

Blue (97%)

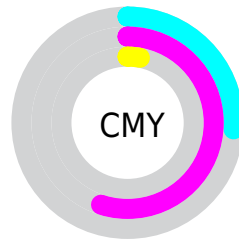


Cyan (24%)

Magenta (54%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (55%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD72F8 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 BD72F8 by changing the saturation by 10% instead.

 BD72F8

 BD72F8

FFFFFF

 A058DB

 F8A8FF

 843EBF

 FFC4FF

 6823A3

 FFE1FF

 4C0088

FFFEFF

 30006E

 130055

 00003D

 000326

 00010F

 BD72F8

 BD72F8

 B259F8

 C88BF8

 A740F8

 D3A4F8

 9C28F8

 DEBCF8

 910FF8

 E9D5F8

 8B00F8

 F4EEF8

 FFFFF8

Harmonies

Analogous

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



0392FF



BD72F8



FA4FBC

Triad

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



BD72F8



D08300



00B3B2

Complementary

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



BD72F8



ADF872

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.



00B06B



BD72F8



959B00

Square

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



BD72F8



FB6337



42A922



00B0F2

Rectangle

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



BD72F8



FF448F



42A922



00B29B

Sweetspot

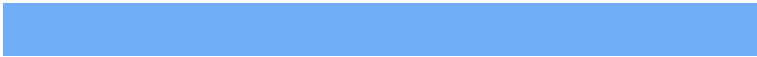
The Sweet Spot groups the original color and five complimentary colors.



BD72F8



EDD6FF



72AEF8



756780



000000



808080

Same Dimension

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



BD72F8



B659FF



F872F1



77707D



6A00BD



22003D

Inverse Universe

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



F872AD



FF59A2



72F879



7D7076



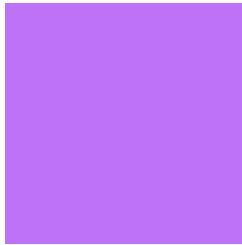
BD0053



3D001B

Previews

White Background



This preview shows how the Hex color BD72F8 looks on a white background.

Color Contrast Check

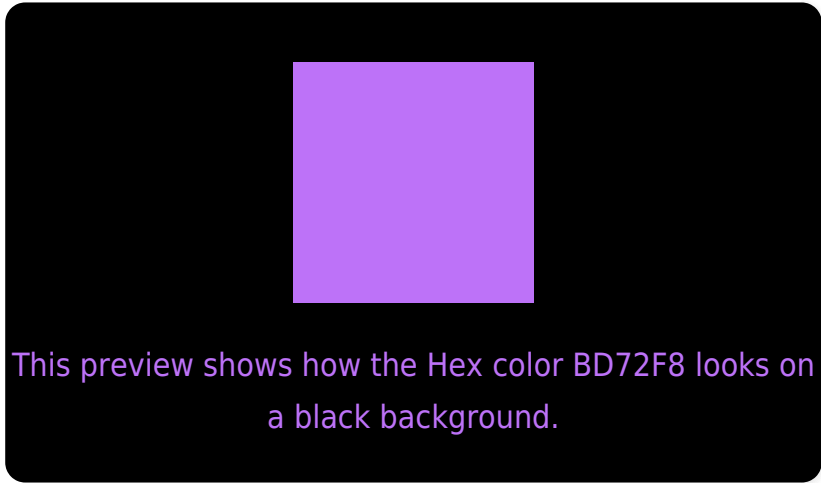
Large Text (above 18pt) WCAG AA ✓ Pass

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

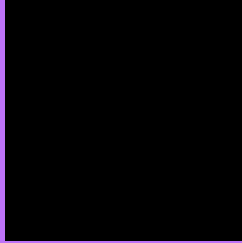
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD72F8 Background



This preview shows how black text looks on a background with the Hex color BD72F8.

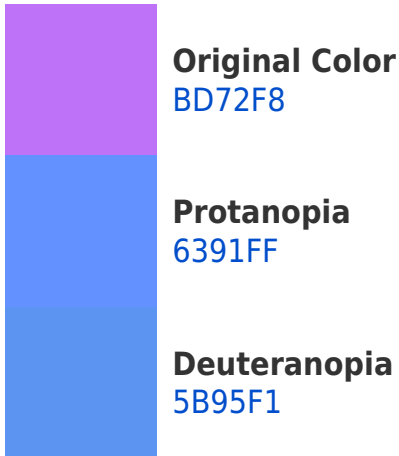


This preview shows how white text looks on a background with the Hex color BD72F8.

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](#).

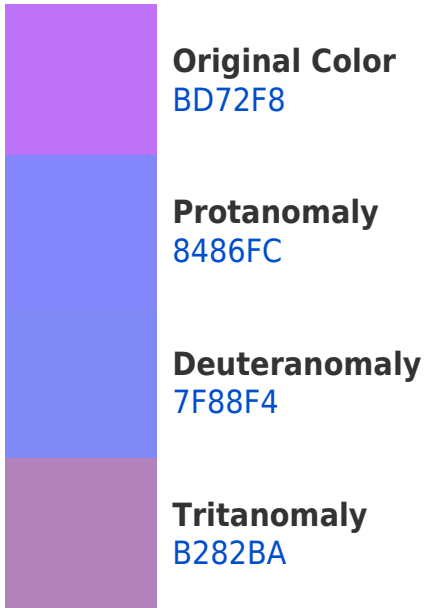
Dichromacy



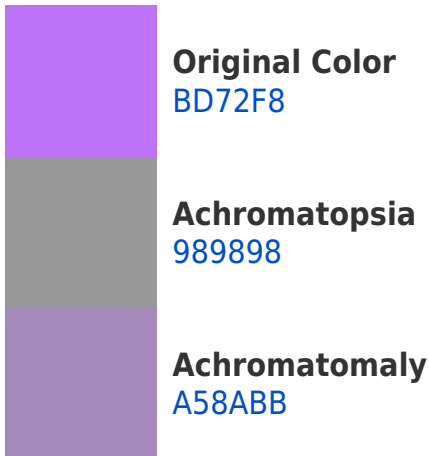


Tritanopia
AC8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD72F8 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 #BD72F8 looks like.

```
.text, #text, p{  
  color:#BD72F8  
}
```

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 #BD72F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD72F8
}
```

Border

The CSS property to change the border of an element to Hex BD72F8 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
#BD72F8 }
```

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

```
.border{ border-color:#BD72F8 }
```

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

Here you see how a box with a 4 pixel #BD72F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD72F8; -webkit-box-shadow:4px 4px  
4px 4px #BD72F8; box-shadow:4px 4px 4px  
4px #BD72F8 }
```

Background

The CSS property to change the background color of an element to Hex BD72F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD72F8 }
```

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

```
.background{ background-color:#BD72F8 }
```

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