

# Converting Colors

Hex(B372FF)

Have a look what the booklet for  
Hex(B372FF) contains.

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# Color

Hex(**B372FF**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B372FF
RGB	179, 114, 255
RGB Percent	70%, 45%, 100%
CMY	0.2980, 0.5529, 0.0000
CMYK	0.30, 0.55, 0.00, 0.00
HSL	268°, 100%, 72%
HSV	268°, 55%, 100%
XYZ	42.6577, 28.8383, 97.9258
YIQ	149.5090, -6.5210, 57.6310

# Conversions

## Conversions Part 2

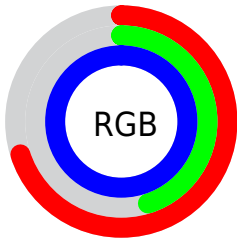
Format	Color
<a href="#">RYB</a>	<a href="#">179, 114, 255</a>
Decimal	<a href="#">11760383</a>
CIELab	<a href="#">60.64, 52.48, -60.92</a>
CIElCh	<a href="#">61, 80.403, 310.743</a>
Yxy	<a href="#">28.8383, 0.2518, 0.1702</a>
Android (android.graphics.Color)	<a href="#">4289950463 (0xFFB372FF)</a>
YUV	<a href="#">149.5090, 52.0071, 25.8636</a>
Hunter-Lab	<a href="#">53.7013, 47.8144, -70.5259</a>

# Details

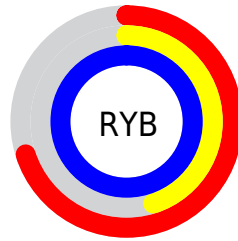
The Hex color **B372FF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **BEFF72**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **EEA8FF**, and **7A3EC5** is the 20% darker color. If you saturate the color by 10%, you get **A559FF**, and if you desaturate by 10%, it is **C18CFF**.

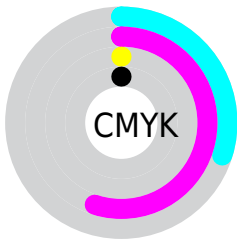
# Distribution



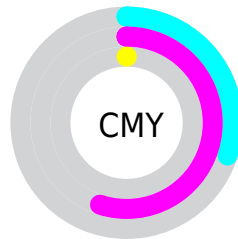
- Red (70%)
- Green (45%)
- Blue (100%)



- Red (70%)
- Yellow (45%)
- Blue (100%)



- Cyan (30%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B372FF 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 B372FF by changing the saturation by 10% instead.



 B372FF

 B372FF

FFFFFF

 9658E2

 EEA8FF

 7A3EC5

 FFC4FF

 5D24AA

 FFE0FF

 40048E

 FFFDFF

 1F0074

 00005B

 000042

 00032B

 000115

 B372FF

 B372FF

 A559FF

 C18CFF

 983FFF

 CEA5FF

 8A25FF

 DCBFFF

 7C0CFF

 EAD8FF

 7600FF

 F8F2FF

 FFFFFFFF

# Harmonies

## Analogous

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



0093FF



B372FF



F84BC3

# Triad

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



B372FF



D57E00



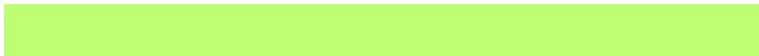
00B1AB

# Complementary

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



B372FF



BEFF72

# 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.



00AF60



B372FF



999700

# Square

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



B372FF



FF5A38



46A707



00B0EE

# Rectangle

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



B372FF



FF3B94



46A707



00B192



# Sweetspot

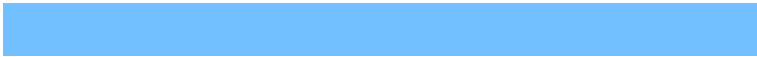
The Sweet Spot groups the original color and five complimentary colors.



B372FF



E8D4FF



72C0FF



726680



000000



808080



# Same Dimension

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



B372FF



A457FF



F872FF



797380



5800BF



1D0040



# Inverse Universe

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



FF72BE



FF57B1



79FF72



80737A



BF0067

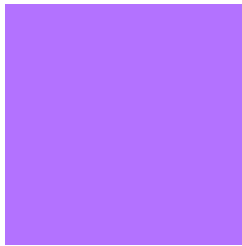


400022



# Previews

## White Background



This preview shows how the Hex color B372FF 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

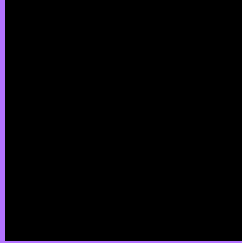
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B372FF Background



This preview shows how black text looks on a background with the Hex color B372FF.

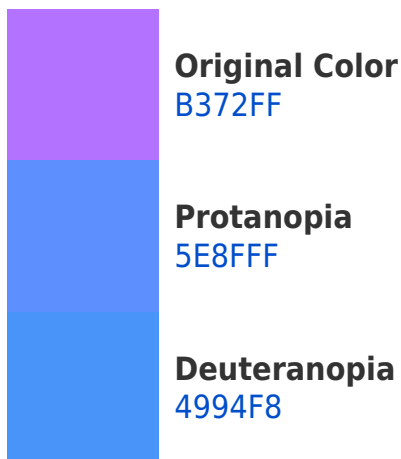


This preview shows how white text looks on a background with the Hex color B372FF.

# 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](#).

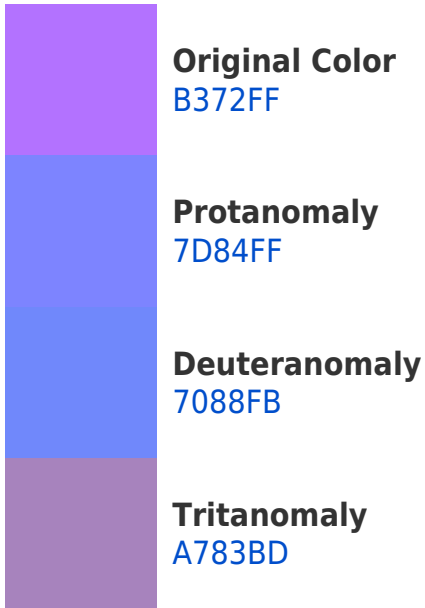
## Dichromacy



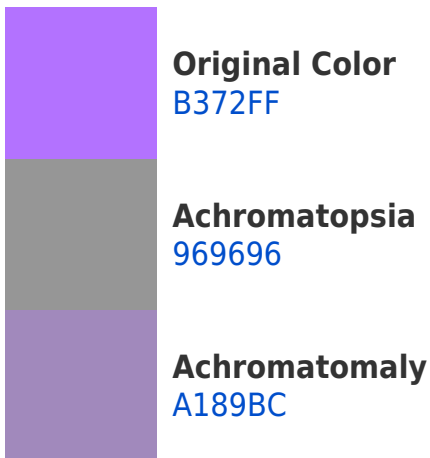


**Tritanopia**  
A08D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B372FF 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 #B372FF looks like.

```
.text, #text, p{  
    color:#B372FF  
}
```

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 #B372FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B372FF
}
```

## Border

The CSS property to change the border of an element to Hex B372FF 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".

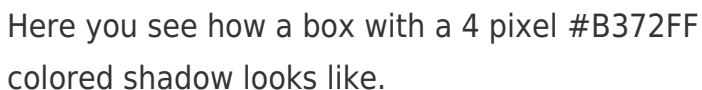
```
.border, #border, table{ border:4px solid
#B372FF }
```

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

```
.border{ border-color:#B372FF }
```

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

Here you see how a box with a 4 pixel #B372FF colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B372FF; -webkit-box-shadow:4px 4px  
4px 4px #B372FF; box-shadow:4px 4px 4px  
4px #B372FF }
```

# Background

The CSS property to change the background color of an element to Hex B372FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B372FF }
```

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

```
.background{ background-color:#B372FF }
```

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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