

Converting Colors

Hex(BB6FF2)

Have a look what the booklet for
Hex(BB6FF2) contains.

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Color

Hex(BB6FF2)

Conversions

Conversions Part 1

Format	Color
Hex	BB6FF2
RGB	187, 111, 242
RGB Percent	73%, 44%, 95%
CMY	0.2667, 0.5647, 0.0510
CMYK	0.23, 0.54, 0.00, 0.05
HSL	275°, 83%, 69%
HSV	275°, 54%, 95%
XYZ	42.2050, 28.3445, 87.2510
YIQ	148.6580, 3.2450, 56.8530

Conversions

Conversions Part 2

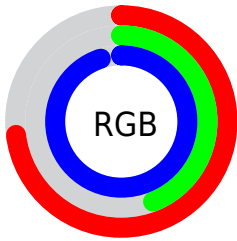
Format	Color
R_{YB}	187, 111, 242
Decimal	12283890
CIE _{Lab}	60.20, 53.01, -54.39
CIE _{LCh}	60, 75.952, 314.266
Yxy	28.3445, 0.2675, 0.1796
Android (android.graphics.Color)	4290473970 (0xFFBB6FF2)
YUV	148.6580, 46.0176, 33.6259
Hunter-Lab	53.2395, 48.3344, -59.8990

Details

The Hex color **BB6FF2** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A6F26F**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F6A5FF**, and **823BB9** is the 20% darker color. If you saturate the color by 10%, you get **B157F2**, and if you desaturate by 10%, it is **C587F2**.

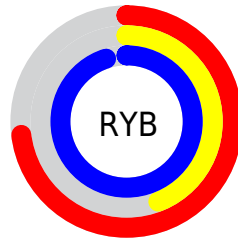
Distribution



Red (73%)

Green (44%)

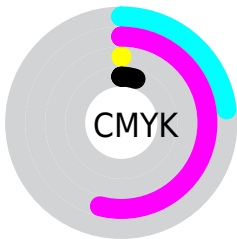
Blue (95%)



Red (73%)

Yellow (44%)

Blue (95%)

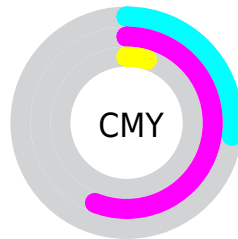


Cyan (23%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (56%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB6FF2 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 BB6FF2 by changing the saturation by 10% instead.

 BB6FF2

 BB6FF2

FFFFFF

 9E55D5

 F6A5FF

 823BB9

 FFC1FF

 671F9E

 FFDEFF

 4B0083

 FFFBFF

 2F0069

 150050

 000038

 000222

 000007

 BB6FF2

 BB6FF2

 B157F2

 C587F2

 A73FF2

 CF9FF2

 9D26F2

 D9B8F2

 920EF2

 E4D0F2

 8C00F2

 EEE8F2

 F8FFF2

 FFFFF2

Harmonies

Analogous

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



1B8EFF



BB6FF2



F64DB7

Triad

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



BB6FF2



CB8100



00AFB0

Complementary

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



BB6FF2



A6F26F

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.



00AD6A



BB6FF2



919800

Square

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



BB6FF2



F56235



3EA623



00ADEE

Rectangle

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



BB6FF2



FF438A



3EA623



00AF99

Sweetspot

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



BB6FF2



EED6FF



6FA8F2



756780



000000



808080

Same Dimension

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



BB6FF2



B959FF



F26FE9



736C78



6B00B8



210038

Inverse Universe

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



F26FA6



FF599F



6FF278



786C71



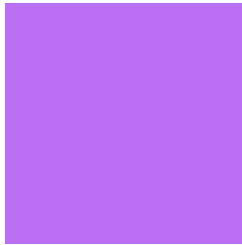
B8004D



380018

Previews

White Background



This preview shows how the Hex color BB6FF2 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

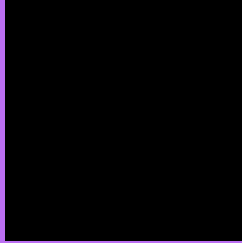
Any Text WCAG AA ✓ Pass

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 BB6FF2 Background



This preview shows how black text looks on a background with the Hex color BB6FF2.

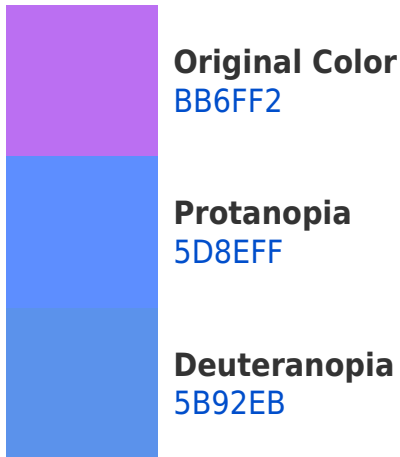


This preview shows how white text looks on a background with the Hex color BB6FF2.

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](#).

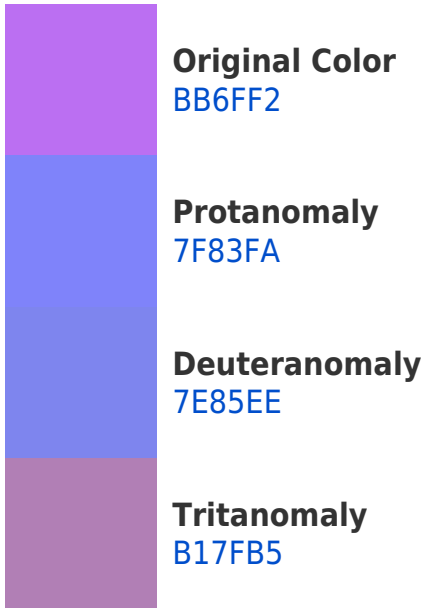
Dichromacy



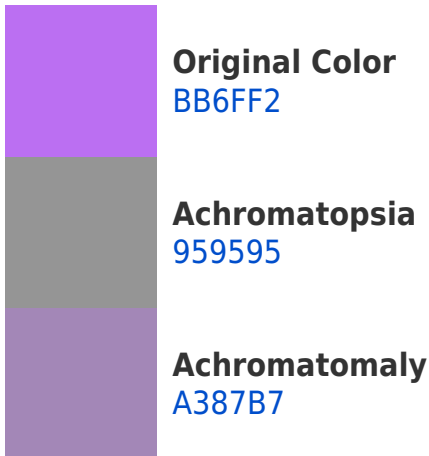


Tritanopia
AB8892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB6FF2 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 #BB6FF2 looks like.

```
.text, #text, p{  
    color:#BB6FF2  
}
```

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 #BB6FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6FF2
}
```

Border

The CSS property to change the border of an element to Hex BB6FF2 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
#BB6FF2 }
```

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

```
.border{ border-color:#BB6FF2 }
```

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

Here you see how a box with a 4 pixel #BB6FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6FF2; -webkit-box-shadow:4px 4px  
4px 4px #BB6FF2; box-shadow:4px 4px 4px  
4px #BB6FF2 }
```

Background

The CSS property to change the background color of an element to Hex BB6FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6FF2 }
```

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

```
.background{ background-color:#BB6FF2 }
```

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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