

Converting Colors

Hex(BB5FEE)

Have a look what the booklet for
Hex(BB5FEE) contains.

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Color

Hex(**BB5FEE**)

Conversions

Conversions Part 1

Format	Color
Hex	BB5FEE
RGB	187, 95, 238
RGB Percent	73%, 37%, 93%
CMY	0.2667, 0.6275, 0.0667
CMYK	0.21, 0.60, 0.00, 0.07
HSL	279°, 81%, 65%
HSV	279°, 60%, 93%
XYZ	40.0183, 24.9223, 83.5902
YIQ	138.8100, 8.9290, 63.9770

Conversions

Conversions Part 2

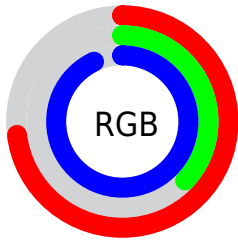
Format	Color
R_{YB}	187, 95, 238
Decimal	12279790
CIE _{Lab}	57.00, 60.10, -57.27
CIE _{LCh}	57, 83.016, 316.381
Yxy	24.9223, 0.2694, 0.1678
Android (android.graphics.Color)	4290469870 (0xFFBB5FEE)
YUV	138.8100, 48.9007, 42.2626
Hunter-Lab	49.9222, 55.7243, -64.3302

Details

The Hex color **BB5FEE** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **92EE5F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **F696FF**, and **8227B5** is the 20% darker color. If you saturate the color by 10%, you get **B347EE**, and if you desaturate by 10%, it is **C377EE**.

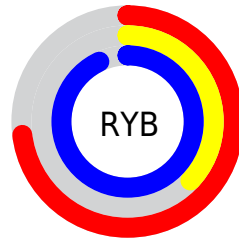
Distribution



Red (73%)

Green (37%)

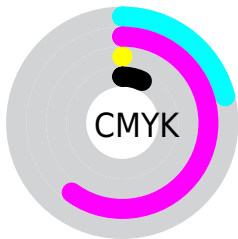
Blue (93%)



Red (73%)

Yellow (37%)

Blue (93%)

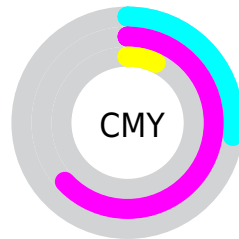


Cyan (21%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5FEE 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 BB5FEE by changing the saturation by 10% instead.

 BB5FEE

 BB5FEE

FFFFFF

 9E44D1

 F696FF

 8227B5

 FFB2FF

 66009A

 FFCEFF

 4A007F

 FFE8FF

 2D0065

 0E004D

 000135

 00021E

 000001

 BB5FEE

 BB5FEE

 B347EE

 C377EE

 AA2FEE

 CC8FEE

 A218EE

 D4A6EE

 9900EE

 DDBEEE

 E5D6EE

 EEEEEEE

 F6FFEE

 FFFFEE

Harmonies

Analogous

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



0084FF



BB5FEE



F730AD

Triad

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



BB5FEE



C17A00



00A8B0

Complementary

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



BB5FEE



92EE5F

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.



00A664



BB5FEE



819200

Square

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



BB5FEE



EF551C



059F08



00A5F1

Rectangle

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



BB5FEE



FF217D



059F08



00A897

Sweetspot

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



BB5FEE



EFD1FF



5F93EE



756380



000000



808080

Same Dimension

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



BB5FEE



BE47FF



EE5FDB



746C78



7600B8



240038

Inverse Universe

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



EE5F92



FF4789



5FEE72



786C70



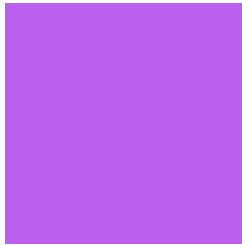
B80041



380014

Previews

White Background



This preview shows how the Hex color BB5FEE 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

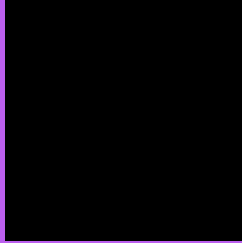
Any Text WCAG AA ✓ Pass

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 BB5FEE Background



This preview shows how black text looks on a background with the Hex color BB5FEE.

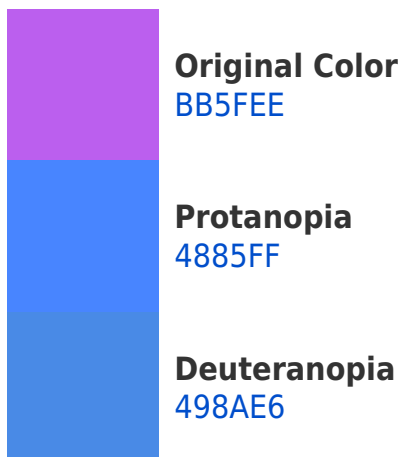



This preview shows how white text looks on a background with the Hex color BB5FEE.

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
AA7C86

Trichromacy



Original Color
BB5FEE



Protanomaly
7277F9



Deuteranomaly
727AE9



Tritanomaly
B071AC

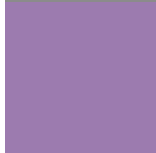
Monochromacy



Original Color
BB5FEE



Achromatopsia
8B8B8B



Achromatomaly
9C7BAF

CSS Examples

Text

The CSS property to change the color of the text to Hex BB5FEE 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 #BB5FEE looks like.

```
.text, #text, p{  
    color:#BB5FEE  
}
```

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 #BB5FEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5FEE
}
```

Border

The CSS property to change the border of an element to Hex BB5FEE 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
#BB5FEE }
```

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

```
.border{ border-color:#BB5FEE }
```

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

Here you see how a box with a 4 pixel #BB5FEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5FEE; -webkit-box-shadow:4px 4px  
4px 4px #BB5FEE; box-shadow:4px 4px 4px  
4px #BB5FEE }
```

Background

The CSS property to change the background color of an element to Hex BB5FEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5FEE }
```

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

```
.background{ background-color:#BB5FEE }
```

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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