

Converting Colors

Hex(B13FBB)

Have a look what the booklet for
Hex(B13FBB) contains.

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Color

Hex(B13FBB)

Conversions

Conversions Part 1

Format	Color
Hex	B13FBB
RGB	177, 63, 187
RGB Percent	69%, 25%, 73%
CMY	0.3059, 0.7529, 0.2667
CMYK	0.05, 0.66, 0.00, 0.27
HSL	295°, 50%, 49%
HSV	295°, 66%, 73%
XYZ	28.8786, 16.4900, 48.6745
YIQ	111.2220, 28.1400, 62.7320

Conversions

Conversions Part 2

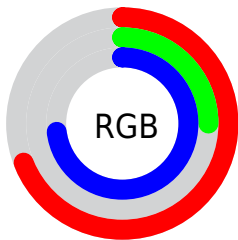
Format	Color
R_{YB}	177, 63, 187
Decimal	11616187
CIE _{Lab}	47.61, 61.95, -43.25
CIE _{LCh}	48, 75.556, 325.080
Yxy	16.4900, 0.3071, 0.1753
Android (android.graphics.Color)	4289806267 (0xFFB13FBB)
YUV	111.2220, 37.3586, 57.6873
Hunter-Lab	40.6079, 55.8780, -42.6423

Details

The Hex color **B13FBB** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **49BB3F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **EB77F4**, and **790085** is the 20% darker color. If you saturate the color by 10%, you get **AF2CBB**, and if you desaturate by 10%, it is **B352BB**.

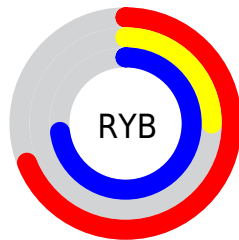
Distribution



Red (69%)

Green (25%)

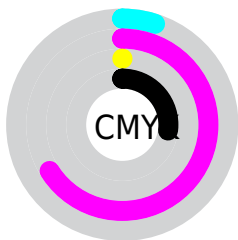
Blue (73%)



Red (69%)

Yellow (25%)

Blue (73%)

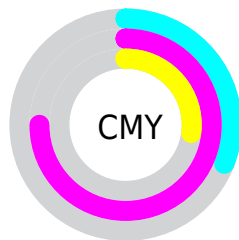


Cyan (5%)

Magenta (66%)

Yellow (0%)

Black (27%)



Cyan (31%)


Magenta (75%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13FBB 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 B13FBB by changing the saturation by 10% instead.

 B13FBB

 B13FBB

FFFFFF

 951FA0

 EB77F4

 790085

 FF93FF

 5D006B

 FFAFFF

 420052

 FFCCFF

 2A003B

 FFE9FF

 000024

 00000B

 000000

 B13FBB

 B13FBB

■ AF2CBB

■ B352BB

■ AE1ABB

■ B464BB

■ AC07BB

■ B677BB

■ AC00BB

■ B78ABB

■ B99CBB

■ BAAFBB

■ BCC2BB

■ BDD5BB

■ BFE7BB

Harmonies

Analogous

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



4B65E6



B13FBB



D90C7E

Triad

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



B13FBB



926B00



008CA6

Complementary

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



B13FBB



49BB3F

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.



008B64



B13FBB



557D00

Square

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



B13FBB



C04D00



00871D



0088DA

Rectangle

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



B13FBB



DE1054



00871D



008C91

Sweetspot

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



B13FBB



EEC2F2



3F49BB



785D7A



FAFAFA



7A7A7A

Same Dimension

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



B13FBB



E330F2



BB3F87



5E555E



91009E



1C001F

Inverse Universe

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



BB3F49



F23040



3FBB73



5E5556



9E000D



1F0002

Previews

White Background



This preview shows how the Hex color B13FBB looks on a white background.

Color Contrast Check

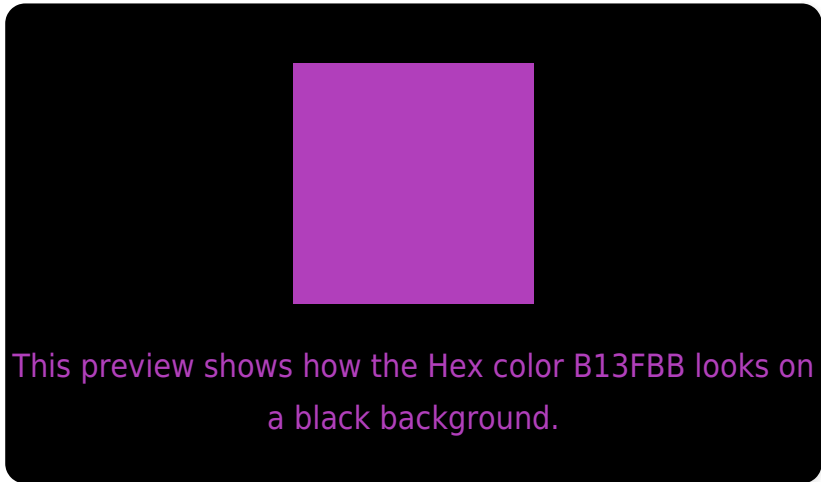
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

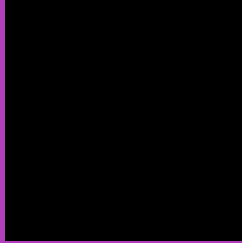
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B13FBB Background



This preview shows how black text looks on a background with the Hex color B13FBB.

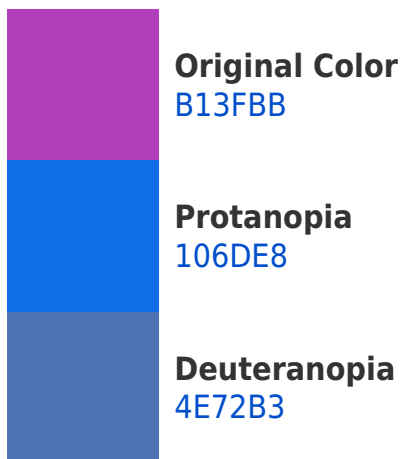



This preview shows how white text looks on a background with the Hex color B13FBB.

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](#).

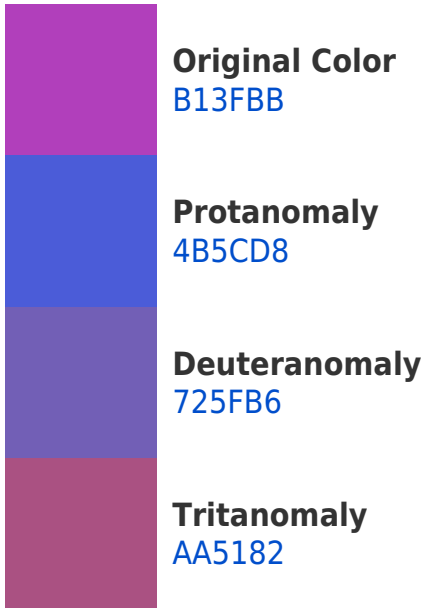
Dichromacy



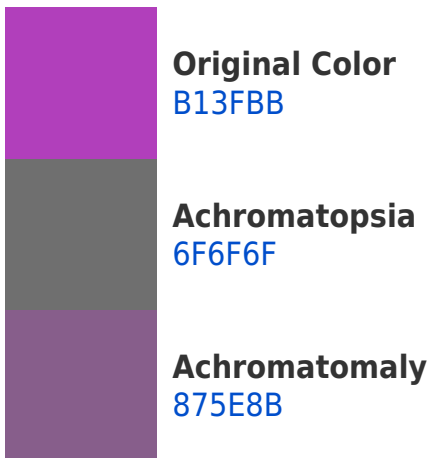


Tritanopia
A65B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B13FBB 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 #B13FBB looks like.

```
.text, #text, p{  
    color:#B13FBB  
}
```

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 #B13FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13FBB
}
```

Border

The CSS property to change the border of an element to Hex B13FBB 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
#B13FBB }
```

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

```
.border{ border-color:#B13FBB }
```

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

Here you see how a box with a 4 pixel #B13FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13FBB; -webkit-box-shadow:4px 4px  
4px 4px #B13FBB; box-shadow:4px 4px 4px  
4px #B13FBB }
```

Background

The CSS property to change the background color of an element to Hex B13FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13FBB }
```

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

```
.background{ background-color:#B13FBB }
```

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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