

Converting Colors

Hex(B13FDE)

Have a look what the booklet for
Hex(B13FDE) contains.

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Color

Hex(**B13FDE**)

Conversions

Conversions Part 1

Format	Color
Hex	B13FDE
RGB	177, 63, 222
RGB Percent	69%, 25%, 87%
CMY	0.3059, 0.7529, 0.1294
CMYK	0.20, 0.72, 0.00, 0.13
HSL	283°, 71%, 56%
HSV	283°, 72%, 87%
XYZ	33.0938, 18.1761, 70.8713
YIQ	115.2120, 16.9050, 73.6170

Conversions

Conversions Part 2

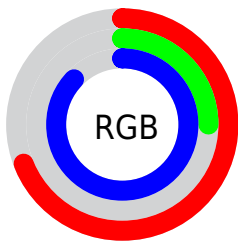
Format	Color
R_{YB}	177, 63, 222
Decimal	11616222
CIE _{Lab}	49.71, 68.53, -60.04
CIE _{LCh}	50, 91.105, 318.778
Yxy	18.1761, 0.2709, 0.1488
Android (android.graphics.Color)	4289806302 (0xFFB13FDE)
YUV	115.2120, 52.6465, 54.1881
Hunter-Lab	42.6334, 63.9506, -68.7170

Details

The Hex color **B13FDE** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **6CDE3F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **EC78FF**, and **7700A6** is the 20% darker color. If you saturate the color by 10%, you get **AB29DE**, and if you desaturate by 10%, it is **B755DE**.

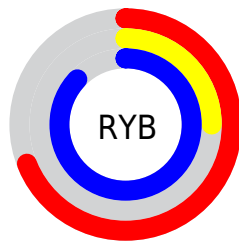
Distribution



Red (69%)

Green (25%)

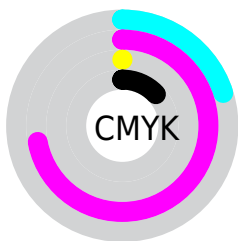
Blue (87%)



Red (69%)

Yellow (25%)

Blue (87%)

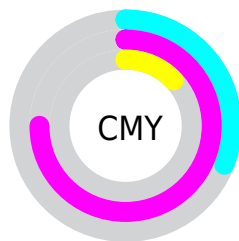


Cyan (20%)

Magenta (72%)

Yellow (0%)

Black (13%)



Cyan (31%)


Magenta (75%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13FDE 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 B13FDE by changing the saturation by 10% instead.

 B13FDE

 B13FDE

FFFFFF

 941DC2

 EC78FF

 7700A6

 FF94FF

 5B008B

 FFB1FF

 3E0071

 FFCEFF

 240057

 FFE8FF


 00003F

 000328

 000111

 000000

 B13FDE

 B13FDE

 AB29DE

 B755DE

 A413DE

 BE6BDE

 9F00DE

 C482DE

 CA98DE

 D0AEDE

 D7C4DE

 DDDADE

 E3F1DE

 EAFFDE

Harmonies

Analogous

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



0070FF



B13FDE



EC0097

Triad

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



B13FDE



A86900



0095A6

Complementary

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



B13FDE



6CDE3F

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.



009355



B13FDE



638100

Square

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



B13FDE



DB3B00



008E00



0093EB

Rectangle

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



B13FDE



F80064



008E00



00958C

Sweetspot

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



B13FDE



F0C9FF



3F6CDE



766080



000000



808080

Same Dimension

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



B13FDE



C124FF



DE3FBC



6D6570



7E00B0



230030

Inverse Universe

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



DE3F6C



FF2462



3FDE61



706568



B00032



30000E

Previews

White Background



This preview shows how the Hex color B13FDE looks on a white background.

Color Contrast Check

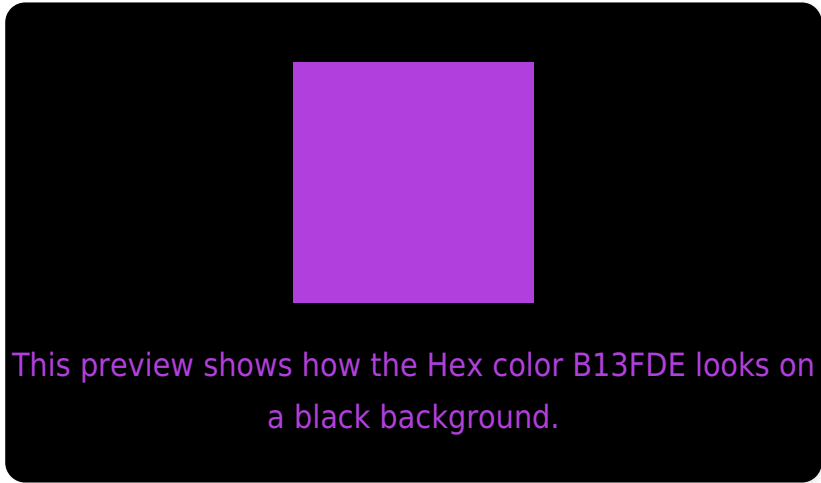
Large Text (above 18pt) WCAG AA ✓ Pass

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

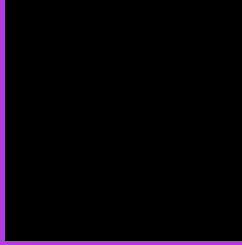
Any Text WCAG AA ✓ Pass

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 B13FDE Background



This preview shows how black text looks on a background with the Hex color B13FDE.

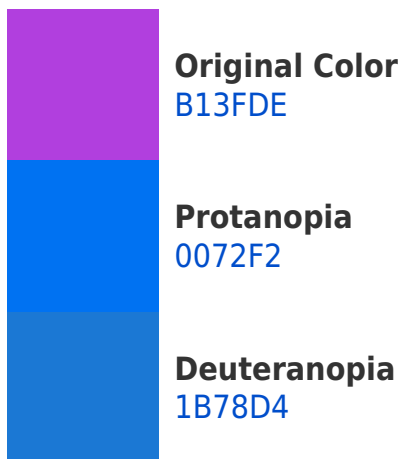



This preview shows how white text looks on a background with the Hex color B13FDE.

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](#).

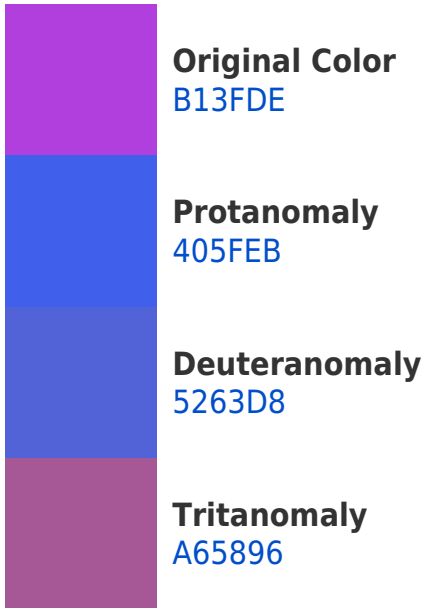
Dichromacy



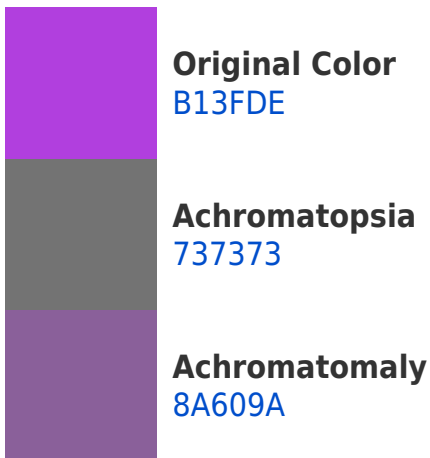


Tritanopia
A0666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B13FDE 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 #B13FDE looks like.

```
.text, #text, p{  
    color:#B13FDE  
}
```

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 #B13FDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13FDE
}
```

Border

The CSS property to change the border of an element to Hex B13FDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

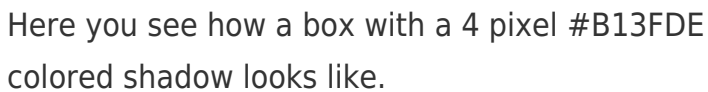
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B13FDE }
```

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

```
.border{ border-color:#B13FDE }
```

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



Here you see how a box with a 4 pixel #B13FDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13FDE; -webkit-box-shadow:4px 4px  
4px 4px #B13FDE; box-shadow:4px 4px 4px  
4px #B13FDE }
```

Background

The CSS property to change the background color of an element to Hex B13FDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13FDE }
```

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

```
.background{ background-color:#B13FDE }
```

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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