

Converting Colors

Hex(B44FDC)

Have a look what the booklet for
Hex(B44FDC) contains.

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Color

Hex(B44FDC)

Conversions

Conversions Part 1

Format	Color
Hex	B44FDC
RGB	180, 79, 220
RGB Percent	71%, 31%, 86%
CMY	0.2941, 0.6902, 0.1373
CMYK	0.18, 0.64, 0.00, 0.14
HSL	283°, 67%, 59%
HSV	283°, 64%, 86%
XYZ	34.5366, 20.4626, 69.8395
YIQ	125.2730, 14.9350, 65.2630

Conversions

Conversions Part 2

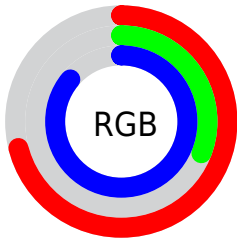
Format	Color
RYB	180, 79, 220
Decimal	11816924
CIELab	52.36, 62.15, -54.63
CIELCh	52, 82.748, 318.689
Yxy	20.4626, 0.2767, 0.1639
Android (android.graphics.Color)	4290007004 (0xFFB44FDC)
YUV	125.2730, 46.7004, 47.9956
Hunter-Lab	45.2356, 57.1197, -59.8734

Details

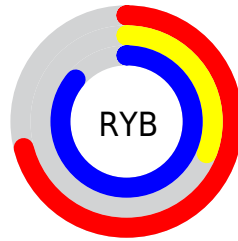
The Hex color **B44FDC** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **77DC4F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **EF86FF**, and **7B0FA4** is the 20% darker color. If you saturate the color by 10%, you get **AE39DC**, and if you desaturate by 10%, it is **BA65DC**.

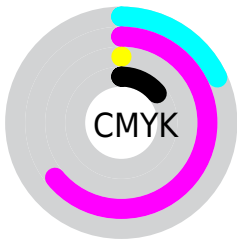
Distribution



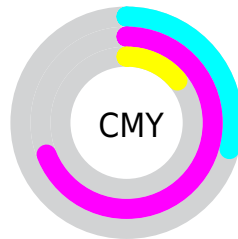
- Red (71%)
- Green (31%)
- Blue (86%)



- Red (71%)
- Yellow (31%)
- Blue (86%)



- Cyan (18%)
- Magenta (64%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (69%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B44FDC 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 B44FDC by changing the saturation by 10% instead.

 B44FDC

 B44FDC

FFFFFF

 9733C0

 EF86FF

 7B0FA4

 FFA2FF

 5F0089

 FFBEFF

 43006F

 FFDBFF

 290056

 FFF8FF

 03003E

 000327

 000110

 000000

 B44FDC

 B44FDC

 AE39DC

 BA65DC

 A823DC

 C07BDC

 A10DDC

 C791DC

 9E00DC

 CDA7DC

 D3BDDC

 D9D3DC

 E0E9DC

 E6FFDC

 ECFFDC

Harmonies

Analogous

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



0076FF



B44FDC



EB139B

Triad

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



B44FDC



AE7000



009BA9

Complementary

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



B44FDC



77DC4F

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.



00995F



B44FDC



6E8700

Square

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



B44FDC



DD4B04



009300



0098E8

Rectangle

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



B44FDC



F6006C



009300



009A90

Sweetspot

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



B44FDC



F1CFFF



4F79DC



776280



000000



808080

Same Dimension

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



B44FDC



C73BFF



DC4FC0



6B636E



7C00AD



21002E

Inverse Universe

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



DC4F77



FF3B72



4FDC6B



6E6366



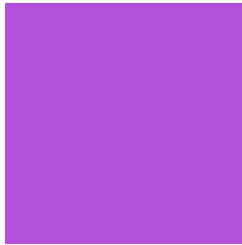
AD0031



2E000D

Previews

White Background



This preview shows how the Hex color B44FDC looks on a white background.

Color Contrast Check

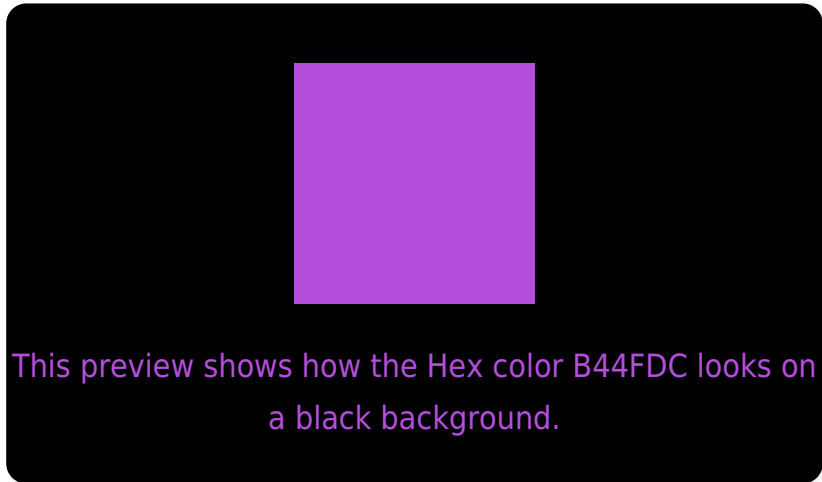
Large Text (above 18pt) WCAG AA ✓ Pass

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

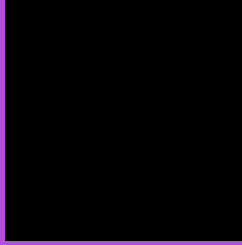
Any Text WCAG AA ✓ Pass

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 B44FDC Background



This preview shows how black text looks on a background with the Hex color B44FDC.

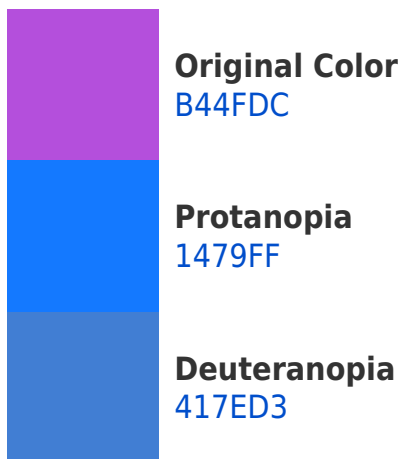


This preview shows how white text looks on a background with the Hex color B44FDC.

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
A56E76

Trichromacy



Original Color
B44FDC



Protanomaly
4E6AF2



Deuteranomaly
6B6DD6



Tritanomaly
AA639B

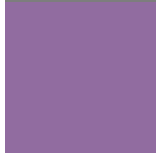
Monochromacy



Original Color
B44FDC



Achromatopsia
7D7D7D



Achromatomaly
916CA0

CSS Examples

Text

The CSS property to change the color of the text to Hex B44FDC 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 #B44FDC looks like.

```
.text, #text, p{  
    color:#B44FDC  
}
```

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 #B44FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44FDC
}
```

Border

The CSS property to change the border of an element to Hex B44FDC 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".

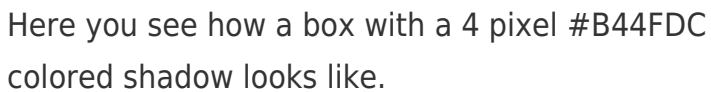
```
.border, #border, table{ border:4px solid
#B44FDC }
```

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

```
.border{ border-color:#B44FDC }
```

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

Here you see how a box with a 4 pixel #B44FDC 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 open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44FDC; -webkit-box-shadow:4px 4px  
4px 4px #B44FDC; box-shadow:4px 4px 4px  
4px #B44FDC }
```

Background

The CSS property to change the background color of an element to Hex B44FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44FDC }
```

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

```
.background{ background-color:#B44FDC }
```

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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