

Converting Colors

Hex(832FDB)

Have a look what the booklet for
Hex(832FDB) contains.

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Color

Hex(832FDB)

Conversions

Conversions Part 1

Format	Color
Hex	832FDB
RGB	131, 47, 219
RGB Percent	51%, 18%, 86%
CMY	0.4863, 0.8157, 0.1412
CMYK	0.40, 0.79, 0.00, 0.14
HSL	269°, 70%, 52%
HSV	269°, 79%, 86%
XYZ	23.1628, 11.9728, 68.1080
YIQ	91.7240, -5.1480, 71.3000

Conversions

Conversions Part 2

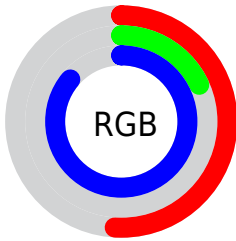
Format	Color
R_{YB}	131, 47, 219
Decimal	8597467
CIE _{Lab}	41.17, 65.88, -72.47
CIE _{LCh}	41, 97.937, 312.271
Yxy	11.9728, 0.2244, 0.1160
Android (android.graphics.Color)	4286787547 (0xFF832FDB)
YUV	91.7240, 62.7471, 34.4451
Hunter-Lab	34.6017, 58.9368, -92.4817

Details

The Hex color **832FDB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **87DB2F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BE67FF**, and **4600A3** is the 20% darker color. If you saturate the color by 10%, you get **7819DB**, and if you desaturate by 10%, it is **8E45DB**.

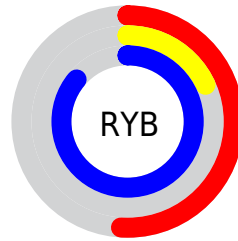
Distribution



Red (51%)

Green (18%)

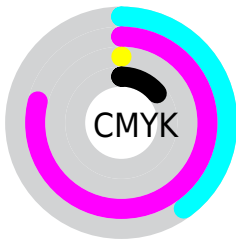
Blue (86%)



Red (51%)

Yellow (18%)

Blue (86%)

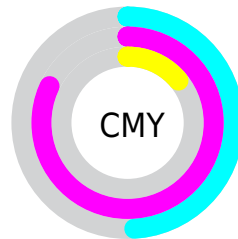


Cyan (40%)

Magenta (79%)

Yellow (0%)

Black (14%)



Cyan (49%)

Magenta (82%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 832FDB 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 832FDB by changing the saturation by 10% instead.

 832FDB

 832FDB

FFFFFF

 650ABF

 BE67FF

 4600A3

 DD82FF

 220088

 FB9EFF

 00006D

 FFBAFF

 000054

 FFD7FF

 00063B

 FFF4FF

 000225

 00010D

 000000

■ 832FDB

■ 832FDB

■ 7819DB

■ 8E45DB

■ 6D03DB

■ 9958DB

■ 6B00DB

■ A571DB

■ B087DB

■ BB9DDB

■ C6B2DB

■ D1C8DB

■ DDEEDB

■ E8F4DB

Harmonies

Analogous

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



0063FF



832FDB



D10094

Triad

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



832FDB



9D4A00



007E82

Complementary

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



832FDB



87DB2F

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.



007C2B



832FDB



596900

Square

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



832FDB



CD0000



007600



007FCE

Rectangle

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



832FDB



E2005F



007600



007D66

Sweetspot

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



832FDB



E0C2FF



2F88DB



6D5B80



000000



808080

Same Dimension

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



832FDB



840FFF



D82FDB



68636E



5500AD



16002E

Inverse Universe

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



DB2F87



FF0F8A



32DB2F



6E6368



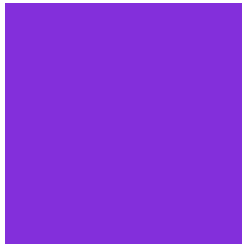
AD0059



2E0017

Previews

White Background



This preview shows how the Hex color 832FDB looks on a white background.

Color Contrast Check

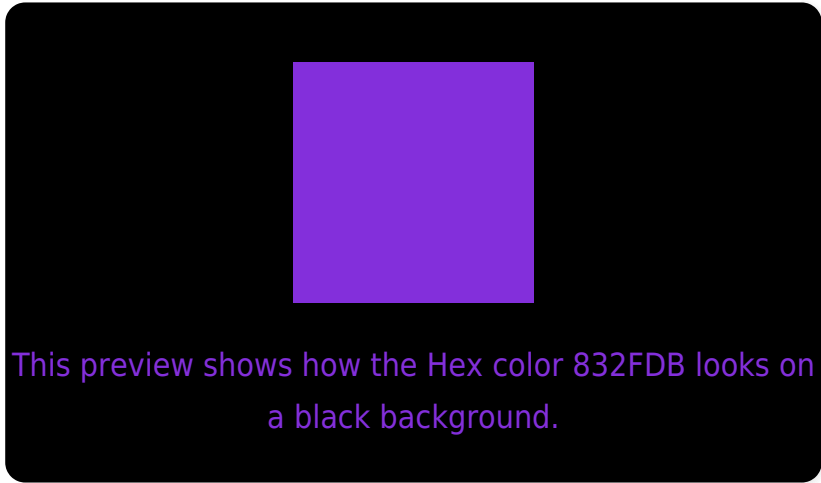
Large Text (above 18pt) WCAG AA ✓ Pass

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

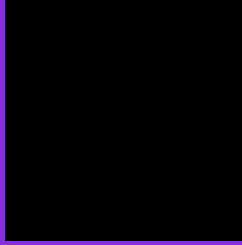
Any Text WCAG AA × Fail

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 832FDB Background



This preview shows how black text looks on a background with the Hex color 832FDB.

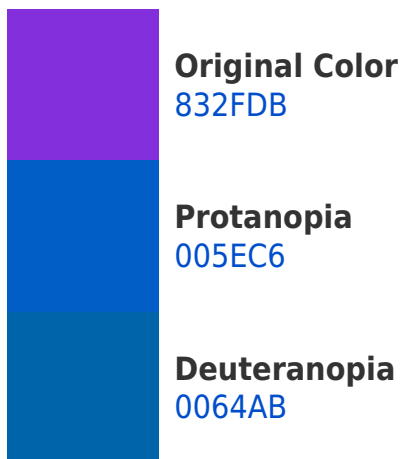


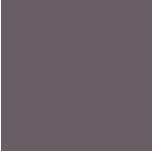
This preview shows how white text looks on a background with the Hex color 832FDB.

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](#).

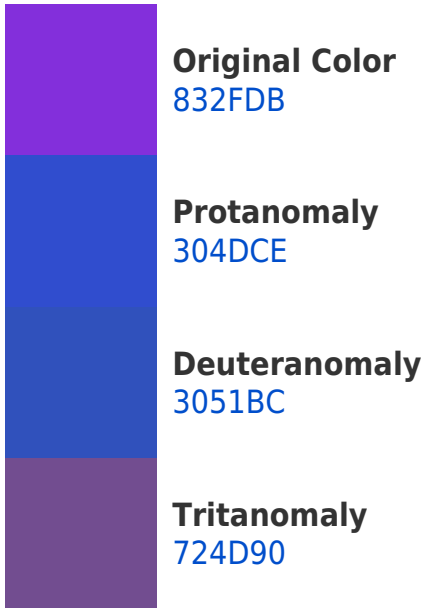
Dichromacy



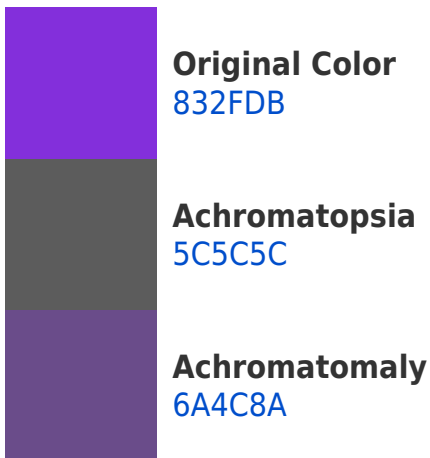


Tritanopia
695E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 832FDB 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 #832FDB looks like.

```
.text, #text, p{  
    color:#832FDB  
}
```

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 #832FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832FDB
}
```

Border

The CSS property to change the border of an element to Hex 832FDB 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
#832FDB }
```

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

```
.border{ border-color:#832FDB }
```

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

Here you see how a box with a 4 pixel #832FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832FDB; -webkit-box-shadow:4px 4px  
4px 4px #832FDB; box-shadow:4px 4px 4px  
4px #832FDB }
```

Background

The CSS property to change the background color of an element to Hex 832FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832FDB }
```

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

```
.background{ background-color:#832FDB }
```

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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