

Converting Colors

Hex(BA40ED)

Have a look what the booklet for
Hex(BA40ED) contains.

Hex(BA40ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**BA40ED**)

Conversions

Conversions Part 1

Format	Color
Hex	BA40ED
RGB	186, 64, 237
RGB Percent	73%, 25%, 93%
CMY	0.2706, 0.7490, 0.0706
CMYK	0.22, 0.73, 0.00, 0.07
HSL	282°, 83%, 59%
HSV	282°, 73%, 93%
XYZ	37.3692, 20.2203, 82.0541
YIQ	120.2000, 17.1790, 79.6670

Conversions

Conversions Part 2

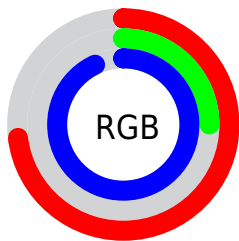
Format	Color
RYB	186, 64, 237
Decimal	12206317
CIELab	52.09, 72.82, -64.61
CIElCh	52, 97.354, 318.418
Yxy	20.2203, 0.2676, 0.1448
Android (android.graphics.Color)	4290396397 (0xFFBA40ED)
YUV	120.2000, 57.5824, 57.7066
Hunter-Lab	44.9670, 69.6475, -76.7132

Details

The Hex color **BA40ED** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light muted purple. A complement of this color would be **73ED40**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F67AFF**, and **8000B4** is the 20% darker color. If you saturate the color by 10%, you get **B328ED**, and if you desaturate by 10%, it is **C158ED**.

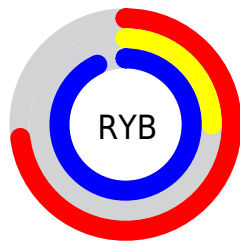
Distribution



Red (73%)

Green (25%)

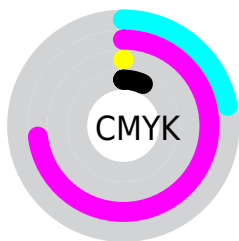
Blue (93%)



Red (73%)

Yellow (25%)

Blue (93%)

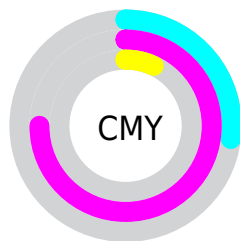


Cyan (22%)

Magenta (73%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (75%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA40ED 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 BA40ED by changing the saturation by 10% instead.

 BA40ED

 BA40ED

FFFFFF

 9D1DD0

 F67AFF

 8000B4

 FF97FF

 630099

 FFB4FF

 45007E

 FFD1FF

 280064

 FFE0FF

 00004B

 000433

 00021D

 000000

 BA40ED

 BA40ED

 B328ED

 C158ED

 AC11ED

 C86FED

 A700ED

 CF87ED

 D69FED

 DDB7ED

 E4CEED

 EBE6ED

 F2FEED

 F9FFED

Harmonies

Analogous

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



0076FF



BA40ED



FB00A0

Triad

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



BA40ED



B26D00



009DAF

Complementary

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



BA40ED



73ED40

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.



009B58



BA40ED



678800

Square

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



BA40ED



E93900



009500



009BFA

Rectangle

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



BA40ED



FF0069



009500



009D93

Sweetspot

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



BA40ED



EEC7FF



4074ED



765E80



000000



808080

Same Dimension

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



BA40ED



BD1FFF



ED40CA



726A75



8000B5



260036

Inverse Universe

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



ED4073



FF1F61



40ED63



756A6D



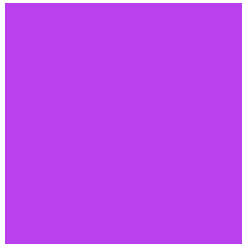
B50035



360010

Previews

White Background



This preview shows how the Hex color BA40ED looks on a white background.

Color Contrast Check

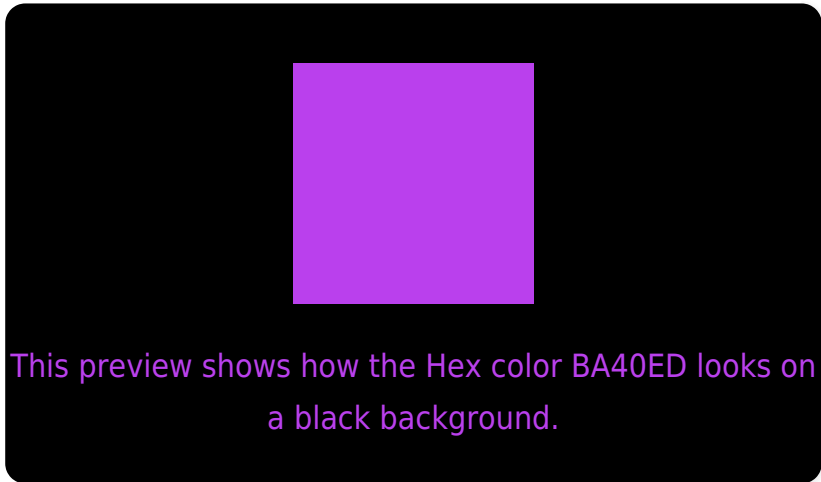
Large Text (above 18pt) WCAG AA ✓ Pass

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

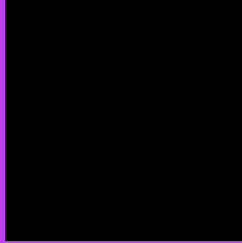
Any Text WCAG AA ✓ Pass

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 BA40ED Background



This preview shows how black text looks on a background with the Hex color BA40ED.

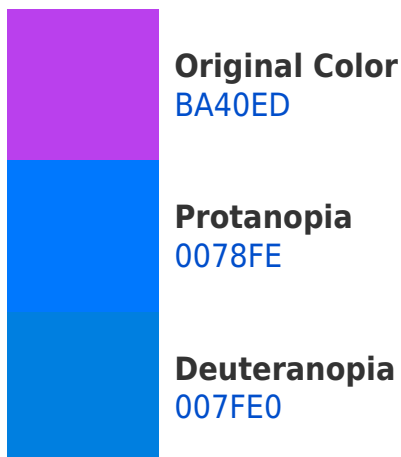



This preview shows how white text looks on a background with the Hex color BA40ED.

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
A76B73

Trichromacy



Original Color
BA40ED



Protanomaly
4464F8



Deuteranomaly
4468E5



Tritanomaly
AE5B9F

Monochromacy



Original Color
BA40ED



Achromatopsia
787878



Achromatomaly
9064A3

CSS Examples

Text

The CSS property to change the color of the text to Hex BA40ED 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 #BA40ED looks like.

```
.text, #text, p{  
    color:#BA40ED  
}
```

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 #BA40ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA40ED
}
```

Border

The CSS property to change the border of an element to Hex BA40ED 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
#BA40ED }
```

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

```
.border{ border-color:#BA40ED }
```

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

Here you see how a box with a 4 pixel #BA40ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA40ED; -webkit-box-shadow:4px 4px  
4px 4px #BA40ED; box-shadow:4px 4px 4px  
4px #BA40ED }
```

Background

The CSS property to change the background color of an element to Hex BA40ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA40ED }
```

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

```
.background{ background-color:#BA40ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor