

Converting Colors

Hex(B433A3)

Have a look what the booklet for
Hex(B433A3) contains.

Hex(B433A3)	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(B433A3)

Conversions

Conversions Part 1

Format	Color
Hex	B433A3
RGB	180, 51, 163
RGB Percent	71%, 20%, 64%
CMY	0.2941, 0.8000, 0.3608
CMYK	0.00, 0.72, 0.09, 0.29
HSL	308°, 56%, 45%
HSV	308°, 72%, 71%
XYZ	26.6171, 14.7153, 36.0878
YIQ	102.3390, 40.9320, 62.1800

Conversions

Conversions Part 2

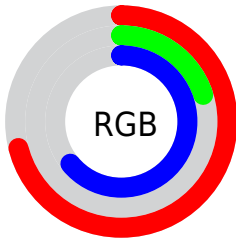
Format	Color
R _Y B	180, 51, 163
Decimal	11809699
CIE Lab	45.24, 63.15, -32.82
CIE LCh	45, 71.169, 332.539
Yxy	14.7153, 0.3438, 0.1901
Android (android.graphics.Color)	4289999779 (0xFFB433A3)
YUV	102.3390, 29.9059, 68.1087
Hunter-Lab	38.3605, 56.7242, -28.9249

Details

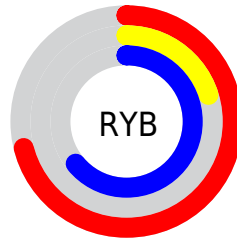
The Hex color **B433A3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **33B444**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **EF6DDA**, and **7B006F** is the 20% darker color. If you saturate the color by 10%, you get **B421A1**, and if you desaturate by 10%, it is **B445A5**.

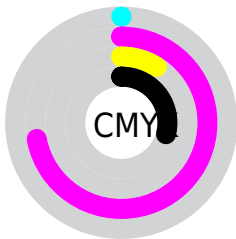
Distribution



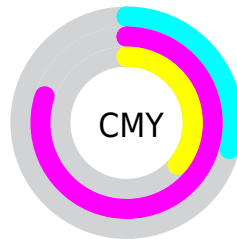
- Red (71%)
- Green (20%)
- Blue (64%)



- Red (71%)
- Yellow (20%)
- Blue (64%)



- Cyan (0%)
- Magenta (72%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (80%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B433A3 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 B433A3 by changing the saturation by 10% instead.

 B433A3

 B433A3

FFFFFF

 970A88

 EF6DDA

 7B006F

 FF89F7

 600056

 FFA6FF

 45003E

 FFC2FF

 2B0028

 FFDFFF

 000111

 FFFDFF

 000000

 B433A3

 B433A3

 B421A1

 B445A5

 B40F9E

 B457A8

 B4009C

 B469AA

 B47BAC

 B48DAF

 B49FB1

 B4B1B4

 B4C3B6

 B4D5B8

Harmonies

Analogous

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



6B58D1



B433A3



D00F69

Triad

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



B433A3



7E6A00



0084AA

Complementary

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



B433A3



33B444

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.



00846F



B433A3



407900

Square

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



B433A3



AC5200



00812F



007FD5

Rectangle

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



B433A3



CF2042



00812F



008497

Sweetspot

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



B433A3



EBB7E4



4233B4



755771



F5F5F5



757575

Same Dimension

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



B433A3



EB21D0



B43364



595058



990085



1A0016

Inverse Universe

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



B433A3



EB21D0



33B483



595058



990085



1A0016

Previews

White Background



This preview shows how the Hex color B433A3 looks on a white background.

Color Contrast Check

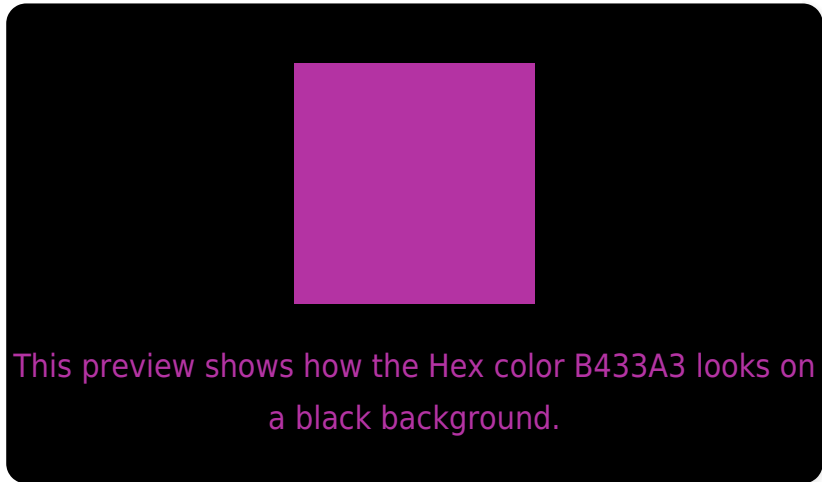
Large Text (above 18pt) WCAG AA ✓ Pass

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

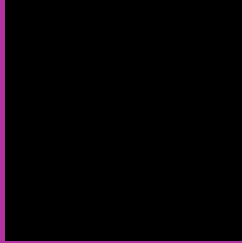
Any Text WCAG AA × Fail

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 B433A3 Background



This preview shows how black text looks on a background with the Hex color B433A3.

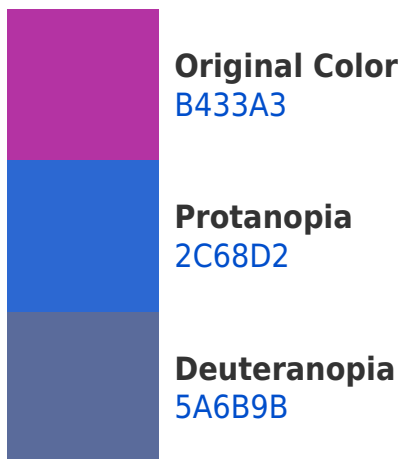


This preview shows how white text looks on a background with the Hex color B433A3.

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



Trichromacy



Original Color
B433A3



Protanomaly
5D55C1



Deuteranomaly
7B579E



Tritanomaly
AF4470

Monochromacy



Original Color
B433A3



Achromatopsia
666666



Achromatomaly
82537C

CSS Examples

Text

The CSS property to change the color of the text to Hex B433A3 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 #B433A3 looks like.

```
.text, #text, p{  
    color:#B433A3  
}
```

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 #B433A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B433A3
}
```

Border

The CSS property to change the border of an element to Hex B433A3 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
#B433A3 }
```

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

```
.border{ border-color:#B433A3 }
```

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

Here you see how a box with a 4 pixel #B433A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B433A3; -webkit-box-shadow:4px 4px  
4px 4px #B433A3; box-shadow:4px 4px 4px  
4px #B433A3 }
```

Background

The CSS property to change the background color of an element to Hex B433A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B433A3 }
```

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

```
.background{ background-color:#B433A3 }
```

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