

Converting Colors

Hex(B44EB3)

Have a look what the booklet for
Hex(B44EB3) contains.

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Color

Hex(B44EB3)

Conversions

Conversions Part 1

Format	Color
Hex	B44EB3
RGB	180, 78, 179
RGB Percent	71%, 31%, 70%
CMY	0.2941, 0.6941, 0.2980
CMYK	0.00, 0.57, 0.01, 0.29
HSL	301°, 40%, 51%
HSV	301°, 57%, 71%
XYZ	29.6835, 18.4068, 44.6362
YIQ	120.0120, 28.3710, 53.0350

Conversions

Conversions Part 2

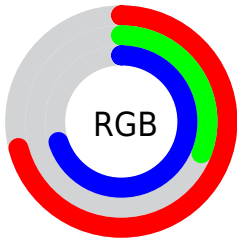
Format	Color
R_{YB}	180, 78, 179
Decimal	11816627
CIE _{Lab}	49.99, 54.81, -34.80
CIE _{LCh}	50, 64.926, 327.584
Yxy	18.4068, 0.3201, 0.1985
Android (android.graphics.Color)	4290006707 (0xFFB44EB3)
YUV	120.0120, 29.0811, 52.6095
Hunter-Lab	42.9031, 48.4188, -31.6529

Details

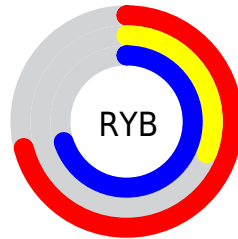
The Hex color **B44EB3** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4EB44F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EE84EB**, and **7C127E** is the 20% darker color. If you saturate the color by 10%, you get **B43CB3**, and if you desaturate by 10%, it is **B460B3**.

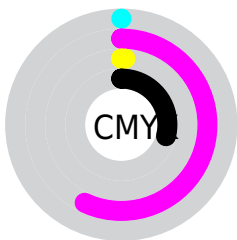
Distribution



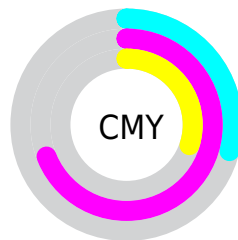
- Red (71%)
- Green (31%)
- Blue (70%)



- Red (71%)
- Yellow (31%)
- Blue (70%)



- Cyan (0%)
- Magenta (57%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (69%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B44EB3 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 B44EB3 by changing the saturation by 10% instead.

 B44EB3

 B44EB3

FFFFFF

 983298

 EE84EB

 7C127E

 FFA0FF

 610064

 FFBCFF

 47004C

 FFD9FF

 310035

 FFF6FF

 0A001F

 000001

 000000

 B44EB3

 B44EB3

 B43CB3

 B460B3

 B42AB3

 B472B3

 B418B2

 B484B4

 B406B2

 B496B4

 B400B2

 B4A8B4

 B4BAB4

 B4CCB4

 B4DEB4

 B4F0B5

Harmonies

Analogous

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



696ADA



B44EB3



D4397E

Triad

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



B44EB3



937300



008FA9

Complementary

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



B44EB3



4EB44F

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.



008F71



B44EB3



5D8200

Square

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



B44EB3



BC5C11



008B37



008BD4

Rectangle

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



B44EB3



D83B59



008B37



009097

Sweetspot

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



B44EB3



EBC3EA



4E4EB4



755E75



F5F5F5



757575

Same Dimension

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



B44EB3



EB4BE9



B44E81



595059



990097



1A0019

Inverse Universe

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



B44EB3



EB4BE9



4EB481



595059



990097



1A0019

Previews

White Background



This preview shows how the Hex color B44EB3 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

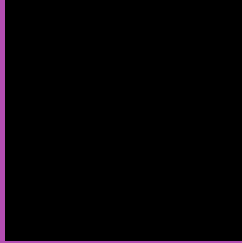
Any Text WCAG AA ✓ Pass

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 B44EB3 Background



This preview shows how black text looks on a background with the Hex color B44EB3.

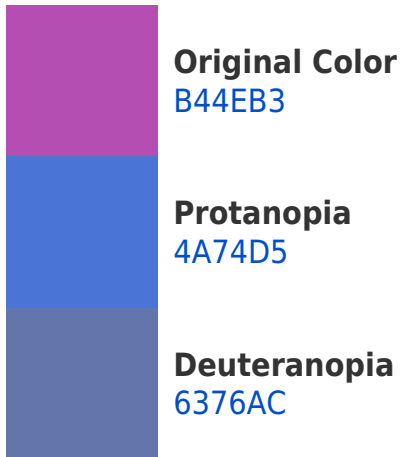


This preview shows how white text looks on a background with the Hex color B44EB3.

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](#).

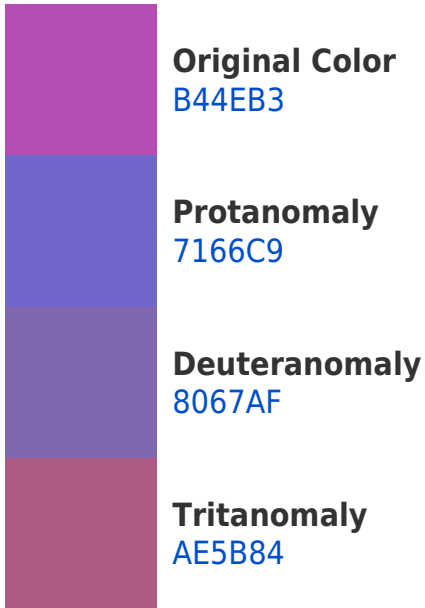
Dichromacy



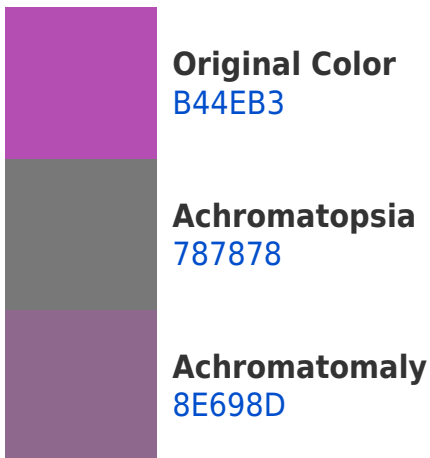


Tritanopia
AB6269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B44EB3 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 #B44EB3 looks like.

```
.text, #text, p{  
    color:#B44EB3  
}
```

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 #B44EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44EB3
}
```

Border

The CSS property to change the border of an element to Hex B44EB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

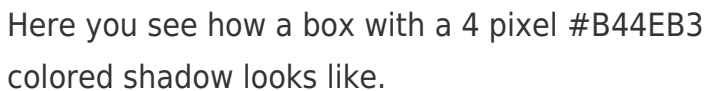
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B44EB3 }
```

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

```
.border{ border-color:#B44EB3 }
```

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



Here you see how a box with a 4 pixel #B44EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44EB3; -webkit-box-shadow:4px 4px  
4px 4px #B44EB3; box-shadow:4px 4px 4px  
4px #B44EB3 }
```

Background

The CSS property to change the background color of an element to Hex B44EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44EB3 }
```

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

```
.background{ background-color:#B44EB3 }
```

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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