

Converting Colors

Hex(B45DAB)

Have a look what the booklet for
Hex(B45DAB) contains.

Hex(B45DAB)	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(B45DAB)

Conversions

Conversions Part 1

Format	Color
Hex	B45DAB
RGB	180, 93, 171
RGB Percent	71%, 36%, 67%
CMY	0.2941, 0.6353, 0.3294
CMYK	0.00, 0.48, 0.05, 0.29
HSL	306°, 37%, 54%
HSV	306°, 48%, 71%
XYZ	30.0874, 20.4723, 40.8938
YIQ	127.9050, 26.8140, 42.7020

Conversions

Conversions Part 2

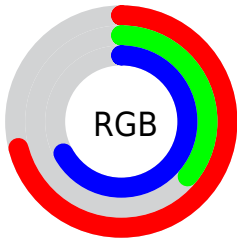
Format	Color
R_{YB}	180, 93, 171
Decimal	11820459
CIE _{Lab}	52.37, 46.08, -26.42
CIE _{LCh}	52, 53.117, 330.166
Yxy	20.4723, 0.3290, 0.2239
Android (android.graphics.Color)	4290010539 (0xFFB45DAB)
YUV	127.9050, 21.2458, 45.6873
Hunter-Lab	45.2463, 39.5161, -21.9142

Details

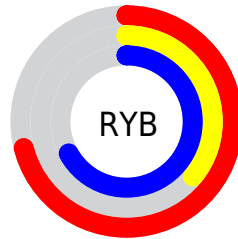
The Hex color **B45DAB** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5DB466**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ED92E3**, and **7D2976** is the 20% darker color. If you saturate the color by 10%, you get **B44BA9**, and if you desaturate by 10%, it is **B46FAD**.

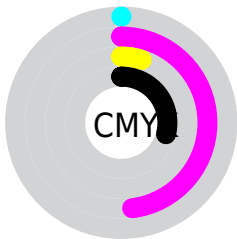
Distribution



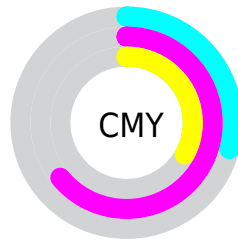
- Red (71%)
- Green (36%)
- Blue (67%)



- Red (71%)
- Yellow (36%)
- Blue (67%)



- Cyan (0%)
- Magenta (48%)
- Yellow (5%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45DAB 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 B45DAB by changing the saturation by 10% instead.

 B45DAB

 B45DAB

FFFFFF

 984390

 ED92E3

 7D2976

 FFAEFF

 63095E

 FFCAFF

 490046

 FFE6FF

 31002F

 110019

 000000

 B45DAB

 B45DAB

 B44BA9

 B46FAD

 B439A7

 B481AF

 B427A5

 B493B1

 B415A4

 B4A5B2

 B403A2

 B4B7B4

 B400A1

 B4C9B6

 B4DBB8

 B4EDBA

 B4FFBC

Harmonies

Analogous

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



7D71CC



B45DAB



CD517F

Triad

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



B45DAB



947B16



0092AA

Complementary

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



B45DAB



5DB466

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.



00927C



B45DAB



678827

Square

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



B45DAB



B7692C



1D8F4D



008DCB

Rectangle

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



B45DAB



CF5460



1D8F4D



00939B

Sweetspot

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



B45DAB



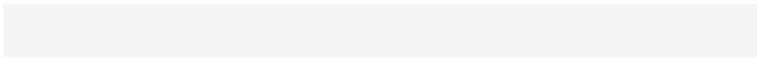
EBC7E7



665DB4



756073



F5F5F5



757575

Same Dimension

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



B45DAB



EB63DD



B45D80



595058



990089



1A0017

Inverse Universe

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



B45DAB



EB63DD



5DB491



595058



990089



1A0017

Previews

White Background



This preview shows how the Hex color B45DAB looks on a white background.

Color Contrast Check

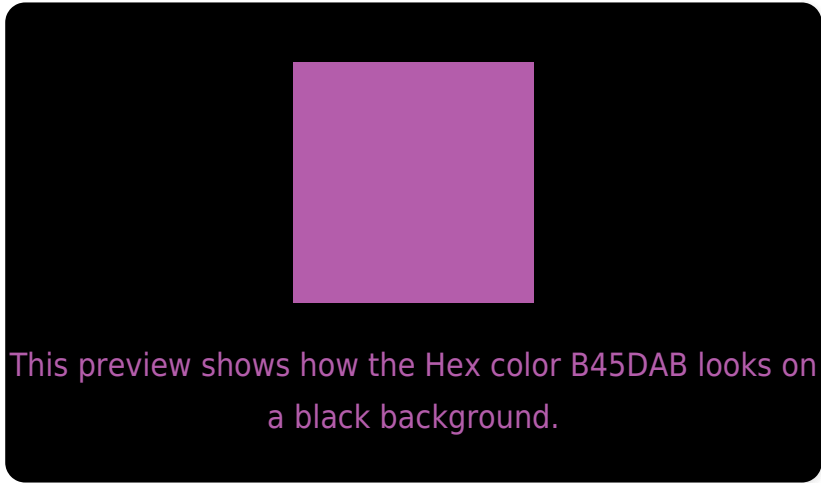
Large Text (above 18pt) WCAG AA ✓ Pass

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

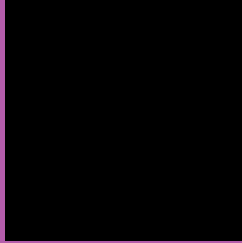
Any Text WCAG AA ✓ Pass

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 B45DAB Background



This preview shows how black text looks on a background with the Hex color B45DAB.

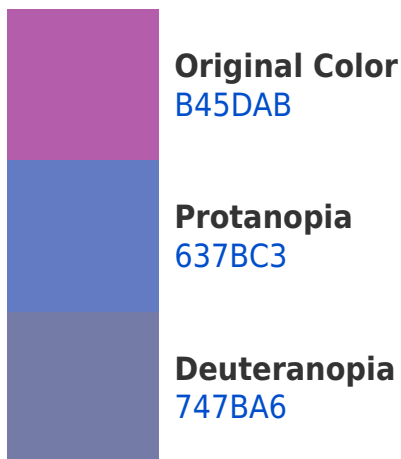



This preview shows how white text looks on a background with the Hex color B45DAB.

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](#).

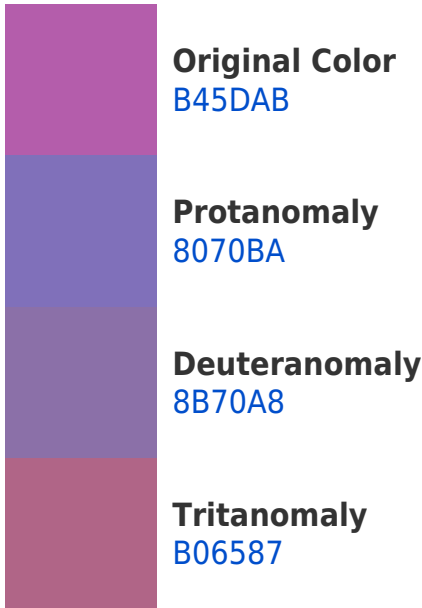
Dichromacy



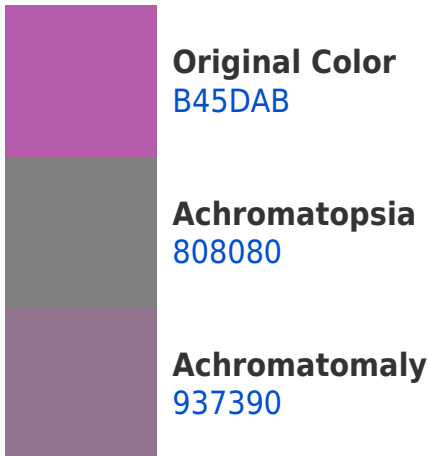


Tritanopia
AD6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45DAB 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 #B45DAB looks like.

```
.text, #text, p{  
    color:#B45DAB  
}
```

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 #B45DAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45DAB
}
```

Border

The CSS property to change the border of an element to Hex B45DAB 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
#B45DAB }
```

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

```
.border{ border-color:#B45DAB }
```

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

Here you see how a box with a 4 pixel #B45DAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45DAB; -webkit-box-shadow:4px 4px  
4px 4px #B45DAB; box-shadow:4px 4px 4px  
4px #B45DAB }
```

Background

The CSS property to change the background color of an element to Hex B45DAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45DAB }
```

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

```
.background{ background-color:#B45DAB }
```

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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