

Converting Colors

Hex(B245A5)

Have a look what the booklet for
Hex(B245A5) contains.

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Color

Hex(**B245A5**)

Conversions

Conversions Part 1

Format	Color
Hex	B245A5
RGB	178, 69, 165
RGB Percent	70%, 27%, 65%
CMY	0.3020, 0.7294, 0.3529
CMYK	0.00, 0.61, 0.07, 0.30
HSL	307°, 44%, 48%
HSV	307°, 61%, 70%
XYZ	27.2798, 16.4378, 37.3323
YIQ	112.5350, 34.1480, 52.9640

Conversions

Conversions Part 2

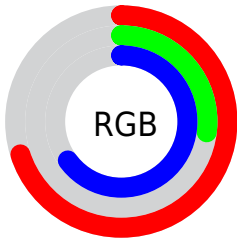
Format	Color
R_{YB}	178, 69, 165
Decimal	11683237
CIE _{Lab}	47.54, 55.92, -30.42
CIE _{LCh}	48, 63.660, 331.451
Yxy	16.4378, 0.3366, 0.2028
Android (android.graphics.Color)	4289873317 (0xFFB245A5)
YUV	112.5350, 25.8652, 57.4128
Hunter-Lab	40.5436, 49.1524, -26.2134

Details

The Hex color **B245A5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **45B252**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **EC7CDC**, and **7A0071** is the 20% darker color. If you saturate the color by 10%, you get **B233A3**, and if you desaturate by 10%, it is **B257A7**.

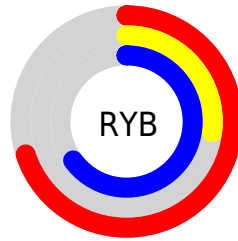
Distribution



Red (70%)

Green (27%)

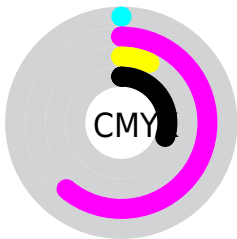
Blue (65%)



Red (70%)

Yellow (27%)

Blue (65%)

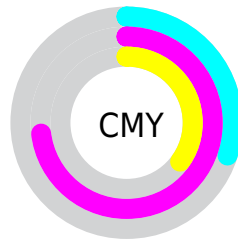


Cyan (0%)

Magenta (61%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (73%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B245A5 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 B245A5 by changing the saturation by 10% instead.

 B245A5

 B245A5

FFFFFF

 96288A

 EC7CDC

 7A0071

 FF97F9

 5F0058

 FFB3FF

 450040

 FFD0FF

 2D002A

 FFEDFF

 000013

 000000

 B245A5

 B245A5

 B233A3

 B257A7

 B221A1

 B269A9

 B2109F

 B27AAB

 B2009D

 B28CAD

 B29EB0

 B2B0B2

 B2C2B4

 B2D3B6

 B2E5B8

Harmonies

Analogous

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



7061CD



B245A5



CD3271

Triad

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



B245A5



866F00



0088A8

Complementary

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



B245A5



45B252

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.



008872



B245A5



507D00

Square

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



B245A5



AF5A02



00853A



0083CF

Rectangle

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



B245A5



CE384D



00853A



008997

Sweetspot

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



B245A5



E8BEE3



5245B2



755B72



F5F5F5



757575

Same Dimension

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



B245A5



E83FD4



B2456F



595058



990087



1A0016

Inverse Universe

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



B245A5



E83FD4



45B288



595058



990087



1A0016

Previews

White Background



This preview shows how the Hex color B245A5 looks on a white background.

Color Contrast Check

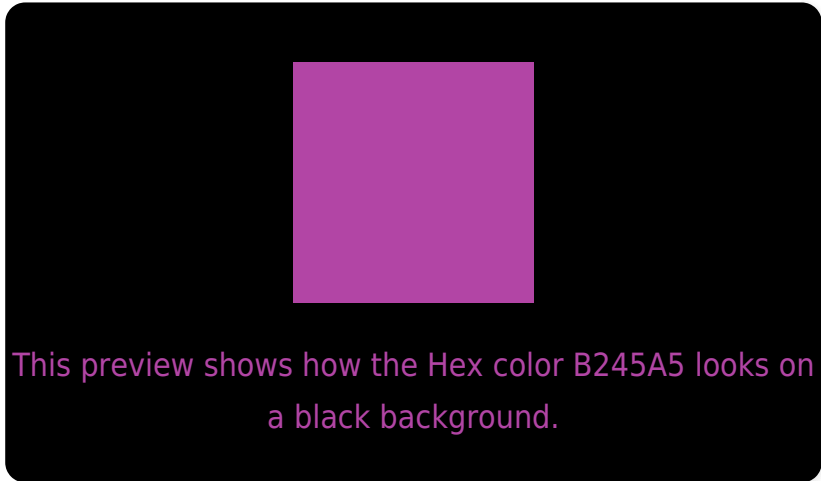
Large Text (above 18pt) WCAG AA ✓ Pass

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

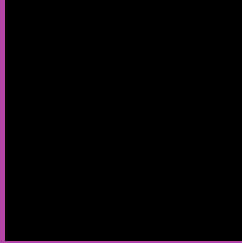
Any Text WCAG AA × Fail

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 B245A5 Background



This preview shows how black text looks on a background with the Hex color B245A5.

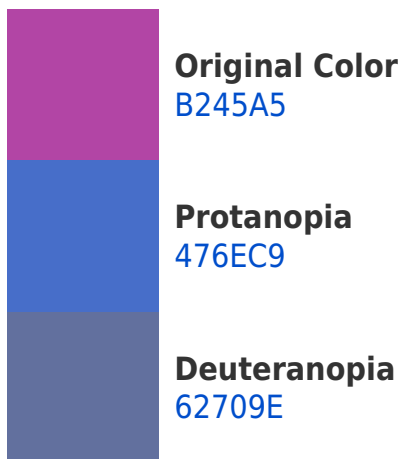



This preview shows how white text looks on a background with the Hex color B245A5.

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](#).

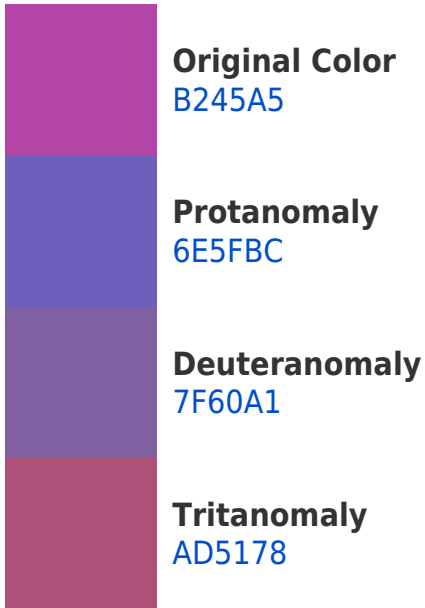
Dichromacy



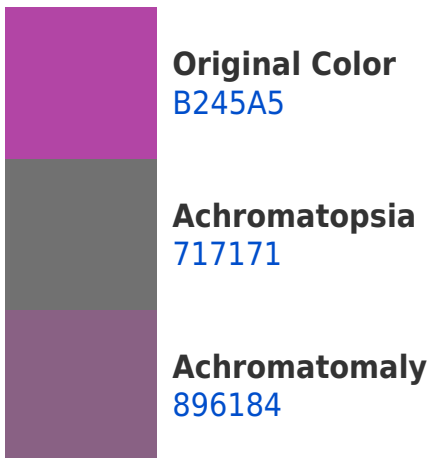


Tritanopia
AA585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B245A5 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 #B245A5 looks like.

```
.text, #text, p{  
    color:#B245A5  
}
```

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 #B245A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B245A5
}
```

Border

The CSS property to change the border of an element to Hex B245A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

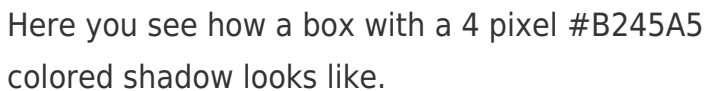
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B245A5 }
```

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

```
.border{ border-color:#B245A5 }
```

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



Here you see how a box with a 4 pixel #B245A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B245A5; -webkit-box-shadow:4px 4px  
4px 4px #B245A5; box-shadow:4px 4px 4px  
4px #B245A5 }
```

Background

The CSS property to change the background color of an element to Hex B245A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B245A5 }
```

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

```
.background{ background-color:#B245A5 }
```

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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