

Converting Colors

Hex(B45A9C)

Have a look what the booklet for
Hex(B45A9C) contains.

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Color

Hex(B45A9C)

Conversions

Conversions Part 1

Format	Color
Hex	B45A9C
RGB	180, 90, 156
RGB Percent	71%, 35%, 61%
CMY	0.2941, 0.6471, 0.3882
CMYK	0.00, 0.50, 0.13, 0.29
HSL	316°, 38%, 53%
HSV	316°, 50%, 71%
XYZ	28.4793, 19.4159, 33.6991
YIQ	124.4340, 32.4540, 39.6060

Conversions

Conversions Part 2

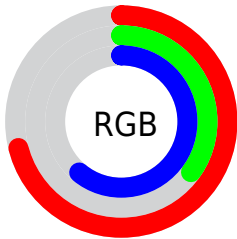
Format	Color
R_{YB}	180, 90, 156
Decimal	11819676
CIE _{Lab}	51.17, 45.05, -19.47
CIE _{LCh}	51, 49.082, 336.624
Yxy	19.4159, 0.3490, 0.2380
Android (android.graphics.Color)	4290009756 (0xFFB45A9C)
YUV	124.4340, 15.5620, 48.7314
Hunter-Lab	44.0635, 38.2577, -14.4997

Details

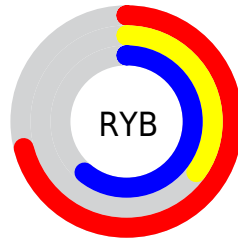
The Hex color **B45A9C** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5AB472**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EE8FD3**, and **7D2669** is the 20% darker color. If you saturate the color by 10%, you get **B44897**, and if you desaturate by 10%, it is **B46CA1**.

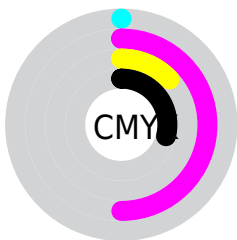
Distribution



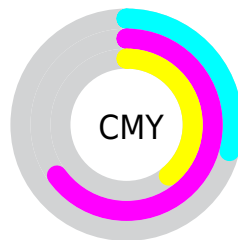
- Red (71%)
- Green (35%)
- Blue (61%)



- Red (71%)
- Yellow (35%)
- Blue (61%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45A9C 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 B45A9C by changing the saturation by 10% instead.

 B45A9C

 B45A9C

FFFFFF

 984082

 EE8FD3

 7D2669

 FFAAEF

 620450

 FFC6FF

 480039

 FFE3FF

 320024

 0D000B

 000000

 B45A9C

 B45A9C

 B44897

 B46CA1

 B43692

 B47EA6

 B4248E

 B490AA

 B41289

 B4A2AF

 B40084

 B4B4B4

 B4C6B9

 B4D8BE

 B4EAC2

 B4FCC7

Harmonies

Analogous

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



886BBE



B45A9C



C65372

Triad

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



B45A9C



887B1F



008DAB

Complementary

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



B45A9C



5AB472

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.



008E82



B45A9C



5B8632

Square

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



B45A9C



AA6C2B



038C57



0087C6

Rectangle

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



B45A9C



C55757



038C57



008E9E

Sweetspot

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



B45A9C



EBC7E1



725AB4



756070



F5F5F5



757575

Same Dimension

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



B45A9C



EB5EC5



B45A6F



595057



990070



1A0013

Inverse Universe

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



B45A9C



EB5EC5



5AB49F



595057



990070



1A0013

Previews

White Background



This preview shows how the Hex color B45A9C looks on a white background.

Color Contrast Check

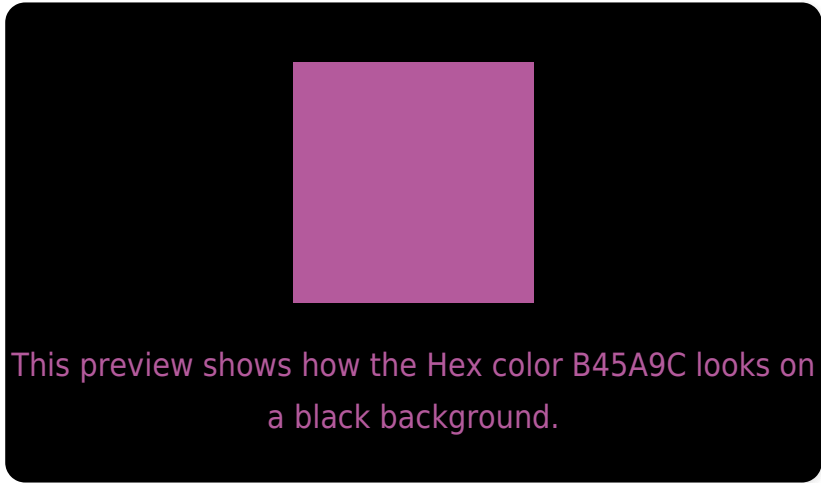
Large Text (above 18pt) WCAG AA ✓ Pass

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

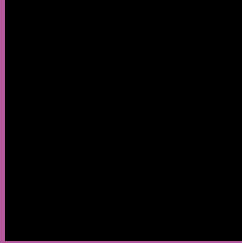
Any Text WCAG AA ✓ Pass

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 B45A9C Background



This preview shows how black text looks on a background with the Hex color B45A9C.

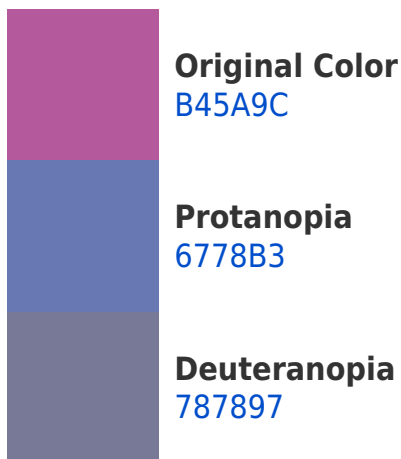



This preview shows how white text looks on a background with the Hex color B45A9C.

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](#).

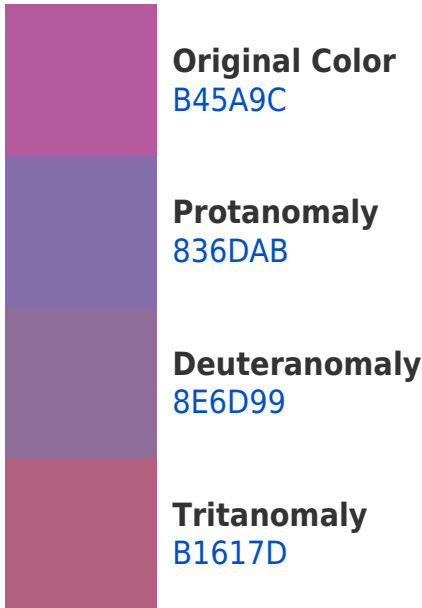
Dichromacy





Tritanopia
AF656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45A9C 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 #B45A9C looks like.

```
.text, #text, p{  
    color:#B45A9C  
}
```

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 #B45A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45A9C
}
```

Border

The CSS property to change the border of an element to Hex B45A9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

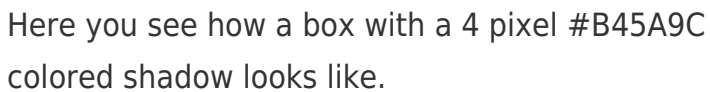
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45A9C }
```

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

```
.border{ border-color:#B45A9C }
```

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



Here you see how a box with a 4 pixel #B45A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45A9C; -webkit-box-shadow:4px 4px  
4px 4px #B45A9C; box-shadow:4px 4px 4px  
4px #B45A9C }
```

Background

The CSS property to change the background color of an element to Hex B45A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45A9C }
```

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

```
.background{ background-color:#B45A9C }
```

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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