

Converting Colors

Hex(B45A7F)

Have a look what the booklet for
Hex(B45A7F) contains.

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Color

Hex(B45A7F)

Conversions

Conversions Part 1

Format	Color
Hex	B45A7F
RGB	180, 90, 127
RGB Percent	71%, 35%, 50%
CMY	0.2941, 0.6471, 0.5020
CMYK	0.00, 0.50, 0.29, 0.29
HSL	335°, 38%, 53%
HSV	335°, 50%, 71%
XYZ	26.3093, 18.5479, 22.2721
YIQ	121.1280, 41.7630, 30.5870

Conversions

Conversions Part 2

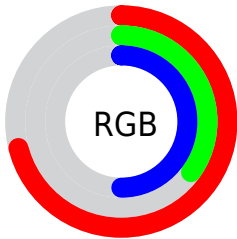
Format	Color
R _Y B	180, 90, 127
Decimal	11819647
CIE Lab	50.15, 40.71, -3.78
CIE LCh	50, 40.886, 354.692
Yxy	18.5479, 0.3919, 0.2763
Android (android.graphics.Color)	4290009727 (0xFFB45A7F)
YUV	121.1280, 2.8949, 51.6307
Hunter-Lab	43.0673, 33.6758, -0.5145

Details

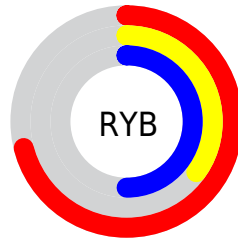
The Hex color **B45A7F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5AB48F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EE8FB4**, and **7C274E** is the 20% darker color. If you saturate the color by 10%, you get **B44874**, and if you desaturate by 10%, it is **B46C8A**.

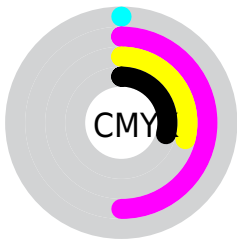
Distribution



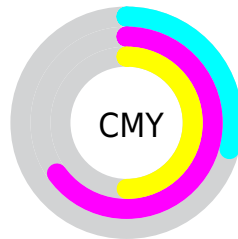
- Red (71%)
- Green (35%)
- Blue (50%)



- Red (71%)
- Yellow (35%)
- Blue (50%)



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




- Cyan (29%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45A7F 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 B45A7F by changing the saturation by 10% instead.

 B45A7F

 B45A7F

FFFFFF

 984066

 EE8FB4

 7C274E

 FFAACF

 620837

 FFC6EB

 470022

 FFE2FF

 32000C

 000000

 B45A7F

 B45A7F

 B44874

 B46C8A

 B4366A

 B47E94

 B4245F

 B4909F

 B41255

 B4A2A9

 B4004A

 B4B4B4

 B4C6BF

 B4D8C9

 B4EAD4

 B4FCDE

Harmonies

Analogous

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



9C63A0



B45A7F



B85C5C

Triad

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



B45A7F



6F7E35



0085AF

Complementary

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



B45A7F



5AB48F

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.



008993



B45A7F



44854E

Square

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



B45A7F



917330



008870



1D7DBC

Rectangle

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



B45A7F



B16248



008870



0087A7

Sweetspot

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



B45A7F



EBC7D6



8E5AB4



756069



F5F5F5



757575

Same Dimension

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



B45A7F



EB5E98



B4625A



595054



99003F



1A000A

Inverse Universe

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



B45A7F



EB5E98



5AADB4



595054



99003F



1A000A

Previews

White Background



This preview shows how the Hex color B45A7F looks on a white background.

Color Contrast Check

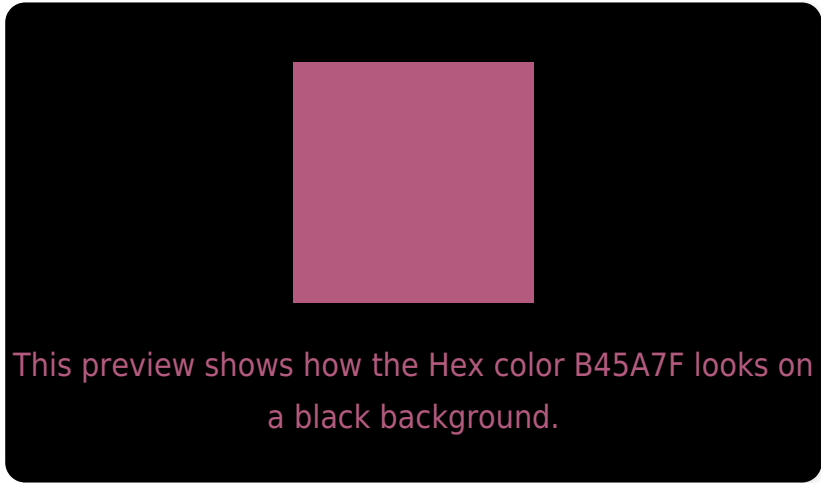
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45A7F Background



This preview shows how black text looks on a background with the Hex color B45A7F.



This preview shows how white text looks on a background with the Hex color B45A7F.

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](#).

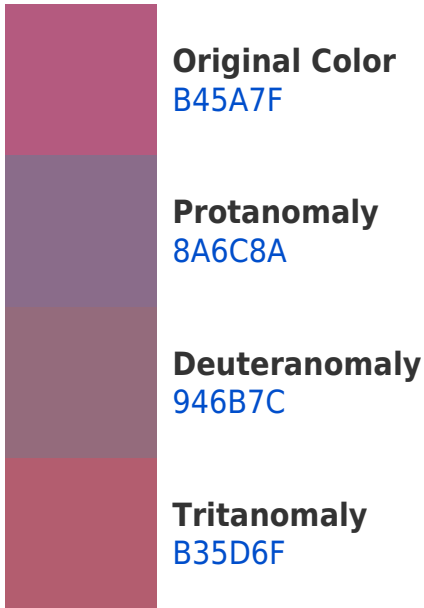
Dichromacy



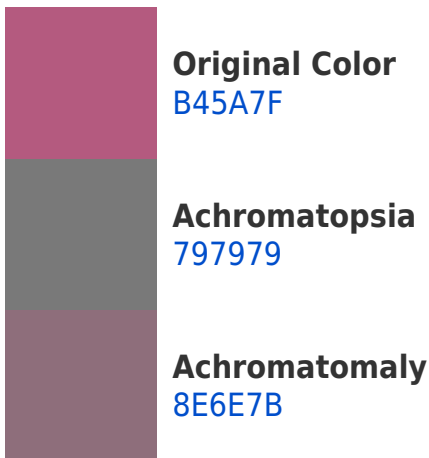


Tritanopia
B25F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45A7F 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 #B45A7F looks like.

```
.text, #text, p{  
    color:#B45A7F  
}
```

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 #B45A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45A7F
}
```

Border

The CSS property to change the border of an element to Hex B45A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

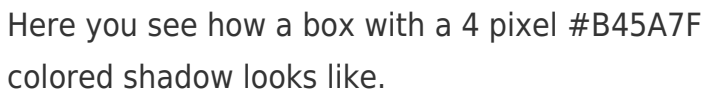
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45A7F }
```

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

```
.border{ border-color:#B45A7F }
```

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



Here you see how a box with a 4 pixel #B45A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45A7F; -webkit-box-shadow:4px 4px  
4px 4px #B45A7F; box-shadow:4px 4px 4px  
4px #B45A7F }
```

Background

The CSS property to change the background color of an element to Hex B45A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45A7F }
```

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

```
.background{ background-color:#B45A7F }
```

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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