

# Converting Colors

Hex(BA47DE)

Have a look what the booklet for  
Hex(BA47DE) contains.

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# Color

Hex(**BA47DE**)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BA47DE                     |
| RGB         | 186, 71, 222               |
| RGB Percent | 73%, 28%, 87%              |
| CMY         | 0.2706, 0.7216, 0.1294     |
| CMYK        | 0.16, 0.68, 0.00, 0.13     |
| HSL         | 286°, 70%, 57%             |
| HSV         | 286°, 68%, 87%             |
| XYZ         | 35.6878, 20.2195, 71.1290  |
| YIQ         | 122.5990, 20.0690, 71.3410 |

# Conversions

## Conversions Part 2

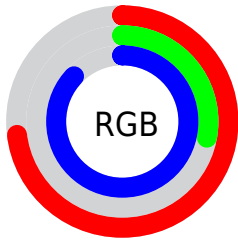
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">186, 71, 222</a>                   |
| Decimal                             | <a href="#">12208094</a>                       |
| CIELab                              | <a href="#">52.08, 67.25, -56.15</a>           |
| CIELCh                              | <a href="#">52, 87.607, 320.139</a>            |
| Yxy                                 | <a href="#">20.2195, 0.2809,<br/>0.1592</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290398174<br/>(0xFFBA47DE)</a>    |
| YUV                                 | <a href="#">122.5990, 49.0047,<br/>55.6027</a> |
| Hunter-Lab                          | <a href="#">44.9661, 62.9774,<br/>-62.3108</a> |

# Details

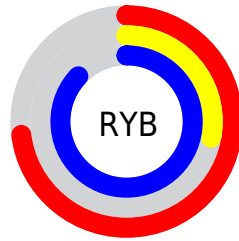
The Hex color **BA47DE** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **6BDE47**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F580FF**, and **8100A6** is the 20% darker color. If you saturate the color by 10%, you get **B531DE**, and if you desaturate by 10%, it is **BF5DDE**.

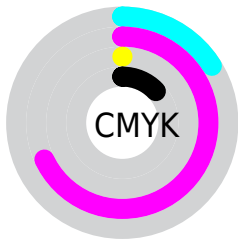
# Distribution



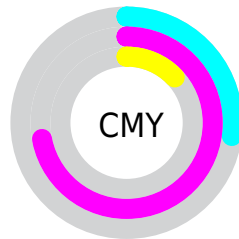
- Red (73%)
- Green (28%)
- Blue (87%)



- Red (73%)
- Yellow (28%)
- Blue (87%)



- Cyan (16%)
- Magenta (68%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (72%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA47DE 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 BA47DE by changing the saturation by 10% instead.



 BA47DE

 BA47DE

FFFFFF

 9D28C2

 F580FF

 8100A6

 FF9CFF

 64008B

 FFB8FF

 480071

 FFD5FF

 2D0058

 FFF3FF

 09003F

 000328

 000112

 000000

 BA47DE

 BA47DE

 B531DE

 BF5DDE

 AF1BDE

 C573DE

 AA04DE

 CA8ADE

 A900DE

 CFA0DE

 D4B6DE

 DACCDE

 DFE2DE

 E4F9DE

 EAFFDE

# Harmonies

## Analogous

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



0074FF



BA47DE



F10098

# Triad

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



BA47DE



AC7000



009BAE

# Complementary

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



BA47DE



6BDE47

# 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.



009960



BA47DE



678800

# Square

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



BA47DE



DE4800



009400



0099F0

# Rectangle

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



BA47DE



FB0067



009400



009B95



# Sweetspot

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



BA47DE



F3CCFF



476DDE



786180



000000



808080



# Same Dimension

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



BA47DE



CD2EFF



DE47B8



6E6570



8600B0



250030



# Inverse Universe

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



DE476B



FF2E60



47DE6D



706568



B0002A



30000C



# Previews

## White Background



This preview shows how the Hex color BA47DE 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

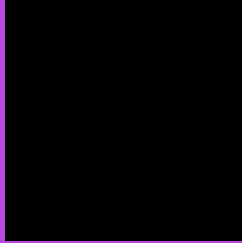
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BA47DE Background



This preview shows how black text looks on a background with the Hex color BA47DE.



This preview shows how white text looks on a background with the Hex color BA47DE.

# 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**  
AB6A72

# Trichromacy



**Original Color**  
BA47DE



**Protanomaly**  
4466F3



**Deuteranomaly**  
6A6AD8



**Tritanomaly**  
B05D99

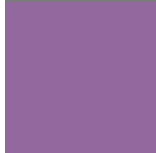
# Monochromacy



**Original Color**  
BA47DE



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
92689F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA47DE 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 #BA47DE looks like.

```
.text, #text, p{  
    color:#BA47DE  
}
```

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 #BA47DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA47DE
}
```

## Border

The CSS property to change the border of an element to Hex BA47DE 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".

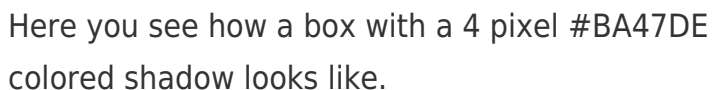
```
.border, #border, table{ border:4px solid
#BA47DE }
```

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

```
.border{ border-color:#BA47DE }
```

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

Here you see how a box with a 4 pixel #BA47DE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA47DE; -webkit-box-shadow:4px 4px  
4px 4px #BA47DE; box-shadow:4px 4px 4px  
4px #BA47DE }
```

# Background

The CSS property to change the background color of an element to Hex BA47DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA47DE }
```

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

```
.background{ background-color:#BA47DE }
```

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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