

Converting Colors

Hex(BA72D7)

Have a look what the booklet for
Hex(BA72D7) contains.

Hex(BA72D7)	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(**BA72D7**)

Conversions

Conversions Part 1

Format	Color
Hex	BA72D7
RGB	186, 114, 215
RGB Percent	73%, 45%, 84%
CMY	0.2706, 0.5529, 0.1569
CMYK	0.13, 0.47, 0.00, 0.16
HSL	283°, 56%, 65%
HSV	283°, 47%, 84%
XYZ	38.5328, 27.3800, 67.5440
YIQ	147.0420, 10.4910, 46.6750

Conversions

Conversions Part 2

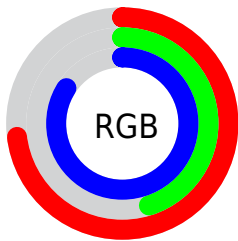
Format	Color
R _{YB}	186, 114, 215
Decimal	12219095
CIE _{Lab}	59.32, 45.38, -40.70
CIE _{LCh}	59, 60.960, 318.112
Yxy	27.3800, 0.2887, 0.2052
Android (android.graphics.Color)	4290409175 (0xFFBA72D7)
YUV	147.0420, 33.5033, 34.1662
Hunter-Lab	52.3259, 39.8768, -39.9052

Details

The Hex color **BA72D7** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8FD772**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F4A8FF**, and **833FA0** is the 20% darker color. If you saturate the color by 10%, you get **B45DD7**, and if you desaturate by 10%, it is **C088D7**.

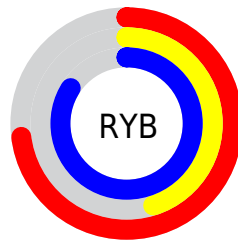
Distribution



Red (73%)

Green (45%)

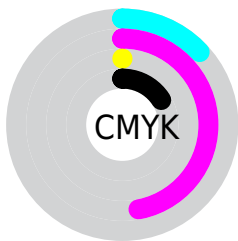
Blue (84%)



Red (73%)

Yellow (45%)

Blue (84%)

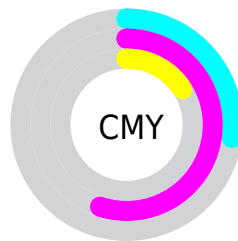


Cyan (13%)

Magenta (47%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (55%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA72D7 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 BA72D7 by changing the saturation by 10% instead.

 BA72D7

 BA72D7

FFFFFF

 9E58BB

 F4A8FF

 833FA0

 FFC3FF

 682585

 FFE0FF

 4E076B

 FFFDFF

 340053

 1F003B

 000224

 00000C

 000000

 BA72D7

 BA72D7

 B45DD7

 C088D7

 AE47D7

 C69DD7

 A731D7

 CDB3D7

 A11CD7

 D3C8D7

 9B06D7

 D9DED7

 9900D7

 DFF3D7

 E5FFD7

 EBFFD7

 F2FFD7

Harmonies

Analogous

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



6589F5



BA72D7



E55EA6

Triad

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



BA72D7



BC851A



00A8AF

Complementary

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



BA72D7



8FD772

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.



00A777



BA72D7



8B9619

Square

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



BA72D7



DF6F40



4AA143



00A5DE

Rectangle

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



BA72D7



EF5A82



4AA143



00A89C

Sweetspot

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



BA72D7



F5DBFF



7290D7



796A80



000000



808080

Same Dimension

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



BA72D7



D670FF



D772C3



68606B



7A00AB



1F002B

Inverse Universe

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



D7728F



FF7099



72D786



6B6063



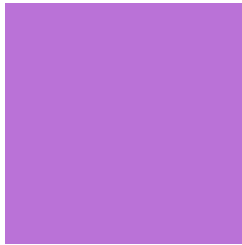
AB0031



2B000C

Previews

White Background



This preview shows how the Hex color BA72D7 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

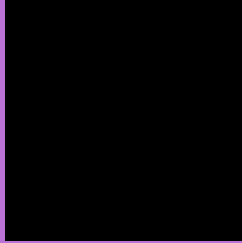
Any Text WCAG AA ✓ Pass

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 BA72D7 Background



This preview shows how black text looks on a background with the Hex color BA72D7.

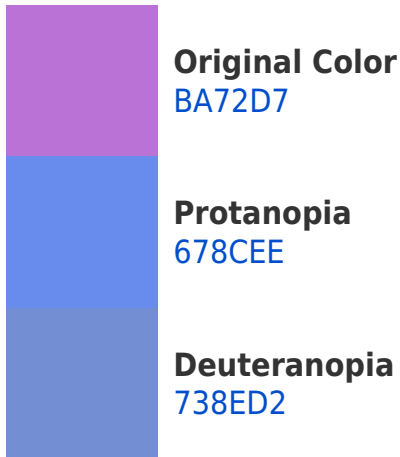



This preview shows how white text looks on a background with the Hex color BA72D7.

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](#).

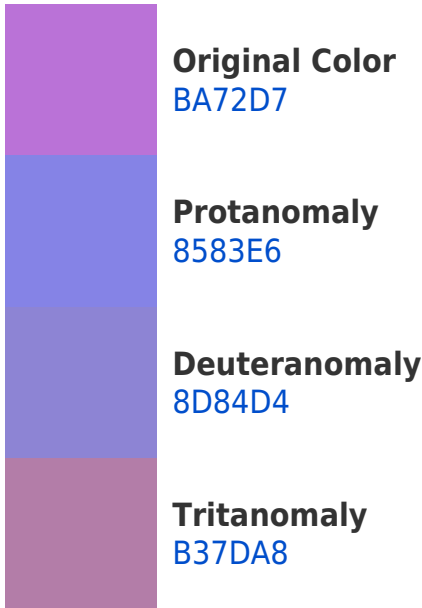
Dichromacy



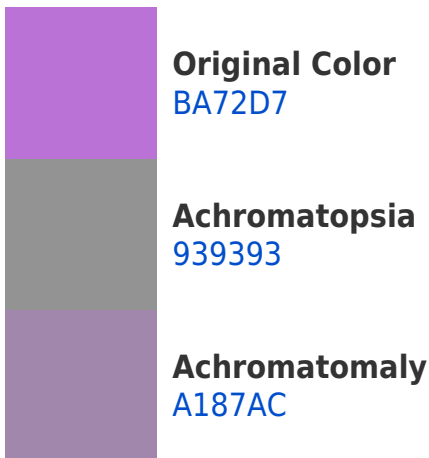


Tritanopia
AF838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA72D7 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 #BA72D7 looks like.

```
.text, #text, p{  
    color:#BA72D7  
}
```

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 #BA72D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA72D7
}
```

Border

The CSS property to change the border of an element to Hex BA72D7 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
#BA72D7 }
```

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

```
.border{ border-color:#BA72D7 }
```

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

Here you see how a box with a 4 pixel #BA72D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA72D7; -webkit-box-shadow:4px 4px  
4px 4px #BA72D7; box-shadow:4px 4px 4px  
4px #BA72D7 }
```

Background

The CSS property to change the background color of an element to Hex BA72D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA72D7 }
```

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

```
.background{ background-color:#BA72D7 }
```

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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