

Converting Colors

Hex(BA90D1)

Have a look what the booklet for
Hex(BA90D1) contains.

Hex(BA90D1)	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(BA90D1)

Conversions

Conversions Part 1

Format	Color
Hex	BA90D1
RGB	186, 144, 209
RGB Percent	73%, 56%, 82%
CMY	0.2706, 0.4353, 0.1804
CMYK	0.11, 0.31, 0.00, 0.18
HSL	279°, 41%, 69%
HSV	279°, 31%, 82%
XYZ	41.7316, 34.9891, 64.8757
YIQ	163.9680, 4.1670, 29.1190

Conversions

Conversions Part 2

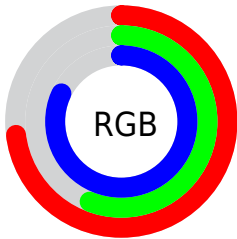
Format	Color
R _Y B	186, 144, 209
Decimal	12226769
CIE Lab	65.74, 27.70, -27.36
CIE LCh	66, 38.934, 315.347
Yxy	34.9891, 0.2947, 0.2471
Android (android.graphics.Color)	4290416849 (0xFFBA90D1)
YUV	163.9680, 22.2008, 19.3221
Hunter-Lab	59.1516, 22.4170, -23.6214

Details

The Hex color **BA90D1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7D190**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F3C6FF**, and **845D9A** is the 20% darker color. If you saturate the color by 10%, you get **B37BD1**, and if you desaturate by 10%, it is **C1A5D1**.

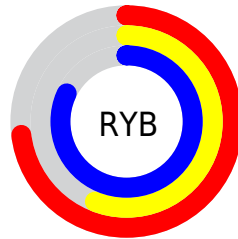
Distribution



Red (73%)

Green (56%)

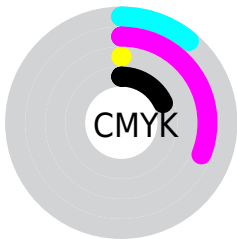
Blue (82%)



Red (73%)

Yellow (56%)

Blue (82%)

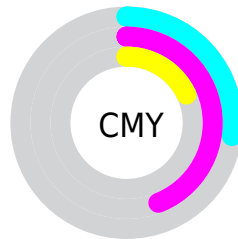


Cyan (11%)

Magenta (31%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (44%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA90D1 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 BA90D1 by changing the saturation by 10% instead.

 BA90D1

 BA90D1

FFFFFF


 9F76B5

 F3C6FF

 845D9A

 FFE2FF

 6A4580

 512E67

 39174F

 220137

 000022

 000007

 000000

 BA90D1

 BA90D1

 B37BD1

 C1A5D1

 AB66D1

 C9BAD1

 A451D1

 D0CFD1

 9C3CD1

 D8E4D1

 9527D1

 DFF9D1

 8E13D1

 E6FFD1

 8700D1

 EEFFD1

 F5FFD1

 FDFFD1

Harmonies

Analogous

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



899DE3



BA90D1



D986B2

Triad

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



BA90D1



C5985C



00B2B1

Complementary

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



BA90D1



A7D190

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.



4EB18D



BA90D1



A4A35B

Square

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



BA90D1



DC8C70



7DAC6D



00AFD0

Rectangle

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



BA90D1



E2849B



7DAC6D



23B2A5

Sweetspot

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



BA90D1



F7E8FF



90A8D1



7B7180



000000



808080

Same Dimension

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



BA90D1



DEA1FF



D190C8



655E69



6D00A8



1A0029

Inverse Universe

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



D190A7



FFA1C2



90D199



695E62



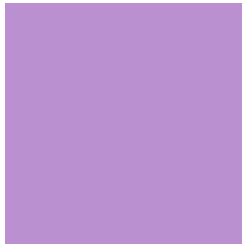
A8003C



29000E

Previews

White Background



This preview shows how the Hex color BA90D1 looks on a white background.

Color Contrast Check

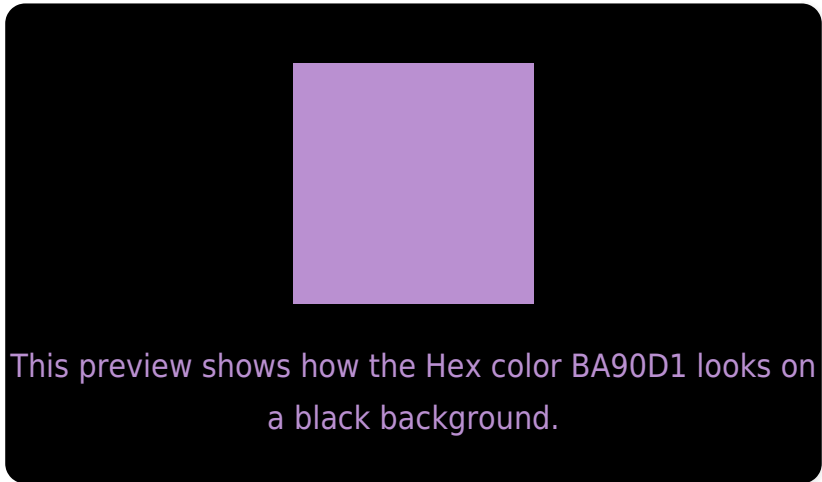
Large Text (above 18pt) WCAG AA × Fail

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

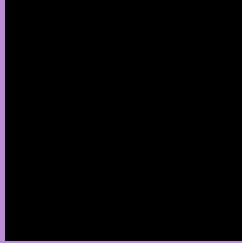
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex BA90D1 Background



This preview shows how black text looks on a background with the Hex color BA90D1.

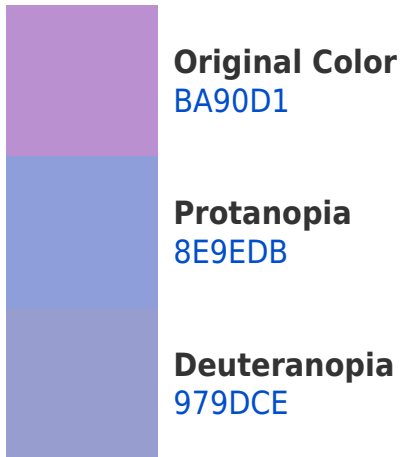


This preview shows how white text looks on a background with the Hex color BA90D1.

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](#).

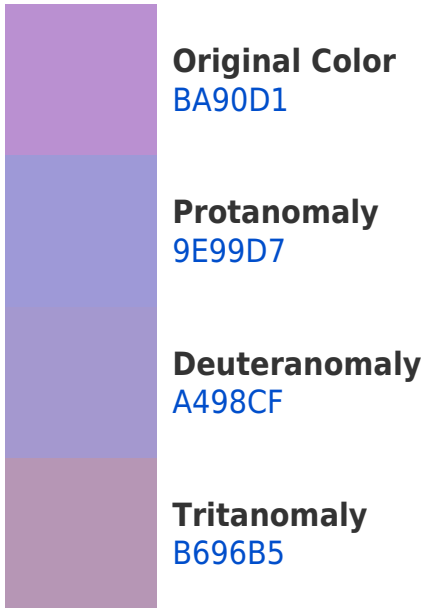
Dichromacy



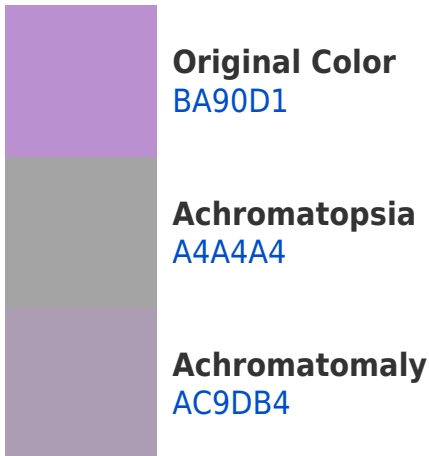


Tritanopia
B399A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA90D1 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 #BA90D1 looks like.

```
.text, #text, p{  
    color:#BA90D1  
}
```

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 #BA90D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA90D1
}
```

Border

The CSS property to change the border of an element to Hex BA90D1 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
#BA90D1 }
```

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

```
.border{ border-color:#BA90D1 }
```

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

Here you see how a box with a 4 pixel #BA90D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA90D1; -webkit-box-shadow:4px 4px  
4px 4px #BA90D1; box-shadow:4px 4px 4px  
4px #BA90D1 }
```

Background

The CSS property to change the background color of an element to Hex BA90D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA90D1 }
```

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

```
.background{ background-color:#BA90D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor