

# Converting Colors

Hex(BE90B8)

Have a look what the booklet for  
Hex(BE90B8) contains.

<b>Hex(BE90B8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BE90B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE90B8
RGB	190, 144, 184
RGB Percent	75%, 56%, 72%
CMY	0.2549, 0.4353, 0.2784
CMYK	0.00, 0.24, 0.03, 0.25
HSL	308°, 26%, 65%
HSV	308°, 24%, 75%
XYZ	39.8602, 34.3544, 49.8776
YIQ	162.3140, 14.5760, 22.1920

# Conversions

## Conversions Part 2

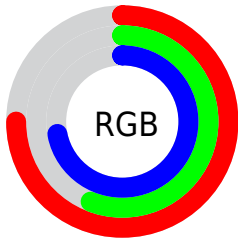
Format	Color
R <sub>Y</sub> B	190, 144, 184
Decimal	12488888
CIE Lab	65.24, 24.07, -14.10
CIE LCh	65, 27.898, 329.641
Yxy	34.3544, 0.3212, 0.2768
Android (android.graphics.Color)	4290678968 (0xFFBE90B8)
YUV	162.3140, 10.6912, 24.2806
Hunter-Lab	58.6126, 18.8190, -9.4252

# Details

The Hex color **BE90B8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90BE96**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F7C6F0**, and **885D83** is the 20% darker color. If you saturate the color by 10%, you get **BE7DB6**, and if you desaturate by 10%, it is **BEA3BA**.

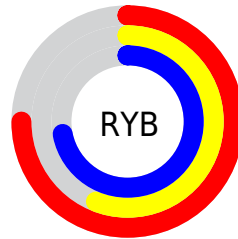
# Distribution



Red (75%)

Green (56%)

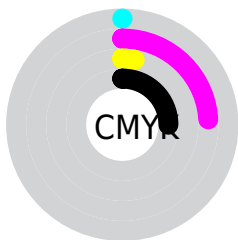
Blue (72%)



Red (75%)

Yellow (56%)

Blue (72%)

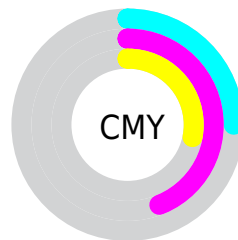


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE90B8 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 BE90B8 by changing the saturation by 10% instead.



 BE90B8

 BE90B8

FFFFFF

 A3769D

 F7C6F0

 885D83

 FFE2FF

 6E456A

 552E51

 3D183A

 270125

 03000E

 000000

 BE90B8

 BE90B8

 BE7DB6

 BEA3BA

 BE6AB3

 BEB6BD

 BE57B1

 BEC9BF

 BE44AE

 BEDCC2

 BE31AC

 BEEFC4

 BE1EA9

 BEFFC7

 BE0BA7

 BEFFC9

 BE00A5

 BEFFCC

 BEFFCE

# Harmonies

## Analogous

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



A298CA



BE90B8



CE8CA0

# Triad

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



BE90B8



B09D6C



4FACB6

# Complementary

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



BE90B8



90BE96

# 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.



5EAC9D



BE90B8



96A472

# Square

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



BE90B8



C59474



79AA84



5CA8C9

# Rectangle

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



BE90B8



D18C8F



79AA84



51ACAE



# Sweetspot

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



BE90B8



F7E6F5



9590BE



7D737C



FCFCFC



7D7D7D



# Same Dimension

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



BE90B8



F7B0EE



BE90A2



5E555D



9E0089



1F001B



# Inverse Universe

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



BE90B8



F7B0EE



90BEAC



5E555D



9E0089

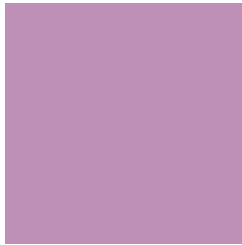


1F001B



# Previews

## White Background



This preview shows how the Hex color BE90B8 looks on a white background.

## Color Contrast Check

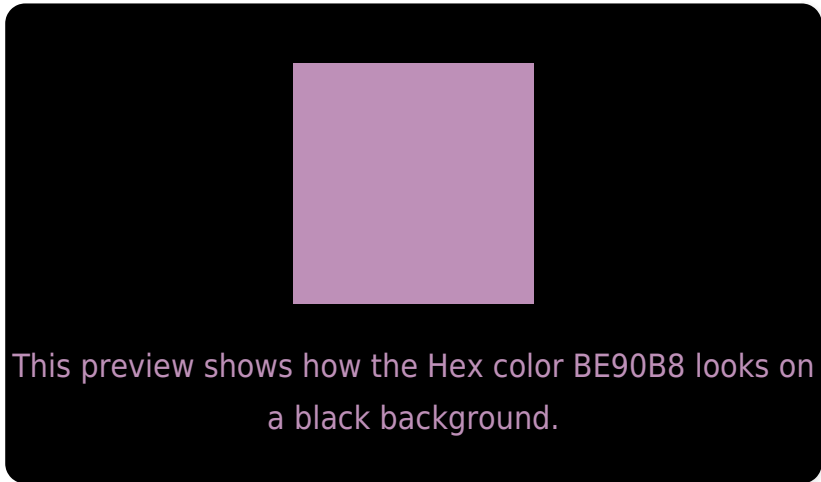
Large Text (above 18pt) WCAG AA × Fail

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

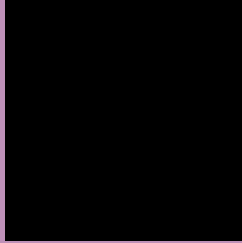
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BE90B8 Background



This preview shows how black text looks on a background with the Hex color BE90B8.

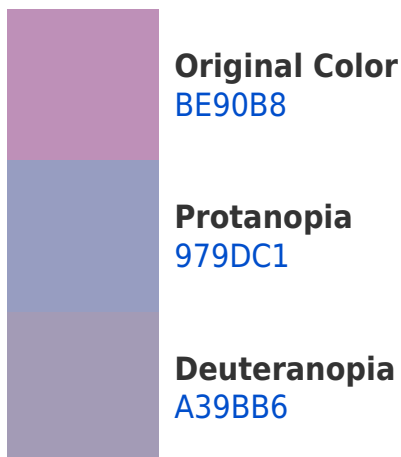


This preview shows how white text looks on a background with the Hex color BE90B8.

# 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**  
BB94A0

# Trichromacy



**Original Color**  
BE90B8

**Protanomaly**  
A598BE

**Deuteranomaly**  
AD97B7

**Tritanomaly**  
BC93A9

# Monochromacy



**Original Color**  
BE90B8

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
AC9BAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE90B8 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 #BE90B8 looks like.

```
.text, #text, p{  
    color:#BE90B8  
}
```

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 #BE90B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE90B8
}
```

## Border

The CSS property to change the border of an element to Hex BE90B8 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
#BE90B8 }
```

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

```
.border{ border-color:#BE90B8 }
```

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

Here you see how a box with a 4 pixel #BE90B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE90B8; -webkit-box-shadow:4px 4px  
4px 4px #BE90B8; box-shadow:4px 4px 4px  
4px #BE90B8 }
```

# Background

The CSS property to change the background color of an element to Hex BE90B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE90B8 }
```

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

```
.background{ background-color:#BE90B8 }
```

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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