

# Converting Colors

Hex(B07E95)

Have a look what the booklet for  
Hex(B07E95) contains.

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# **Color**

**Hex(B07E95)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B07E95</a>
RGB	<a href="#">176, 126, 149</a>
RGB Percent	<a href="#">69%, 49%, 58%</a>
CMY	<a href="#">0.3098, 0.5059, 0.4157</a>
CMYK	<a href="#">0.00, 0.28, 0.15, 0.31</a>
HSL	<a href="#">332°, 24%, 59%</a>
HSV	<a href="#">332°, 28%, 69%</a>
XYZ	<a href="#">30.7902, 26.3217, 31.8916</a>
YIQ	<a href="#">143.5720, 22.4170, 17.7530</a>

# Conversions

## Conversions Part 2

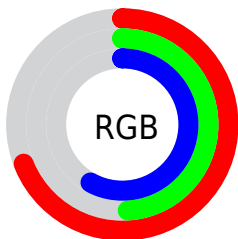
Format	Color
R <sub>Y</sub> B	176, 126, 149
Decimal	11566741
CIE Lab	58.34, 22.96, -4.65
CIE LCh	58, 23.425, 348.558
Yxy	26.3217, 0.3459, 0.2957
Android (android.graphics.Color)	4289756821 (0xFFB07E95)
YUV	143.5720, 2.6760, 28.4394
Hunter-Lab	51.3047, 17.3423, -0.9420

# Details

The Hex color **B07E95** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **7EB099**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **E8B3CB**, and **7B4C62** is the 20% darker color. If you saturate the color by 10%, you get **B06C8B**, and if you desaturate by 10%, it is **B0909F**.

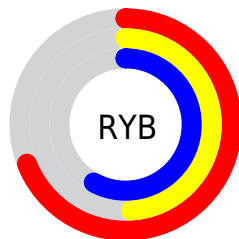
# Distribution



Red (69%)

Green (49%)

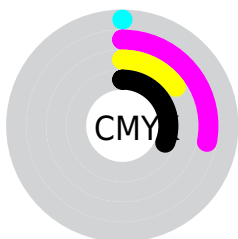
Blue (58%)



Red (69%)

Yellow (49%)

Blue (58%)

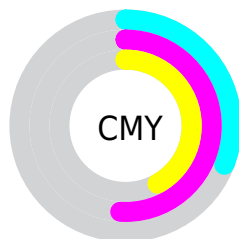


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B07E95 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 B07E95 by changing the saturation by 10% instead.



 B07E95

 B07E95

FFFFFF

 95657B

 E8B3CB

 7B4C62

 FFCFE7

 61354B

 FFE8FF

 481E34

 31081F

 1C0005

 000000

 B07E95

 B07E95

 B06C8B

 B0909F

 B05B82

 B0A1A8

 B04978

 B0B3B2

 B0386F

 B0C4BB

 B02665

 B0D6C5

 B0145C

 B0E8CE

 B00352

 B0F9D8

 B00051

 B0FFE1

 B0FFEB

# Harmonies

## Analogous

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



9F83A8



B07E95



B67E80

# Triad

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



B07E95



8E8F65



5295AA

# Complementary

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



B07E95



7EB099

# 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.



509899



B07E95



779471

# Square

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



B07E95



A28864



609783



6891B4

# Rectangle

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



B07E95



B48074



609783



4F96A5



# Sweetspot

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



B07E95



E6D1DA



997EB0



73666C



F2F2F2



737373



# Same Dimension

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



B07E95



E697BB



B0807E



595054



990046



1A000C



# Inverse Universe

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



B07E95



E697BB



7EAEB0



595054



990046

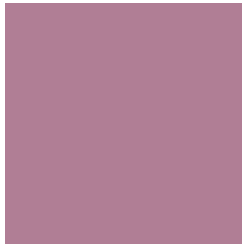


1A000C



# Previews

## White Background



This preview shows how the Hex color B07E95 looks on a white background.

## Color Contrast Check

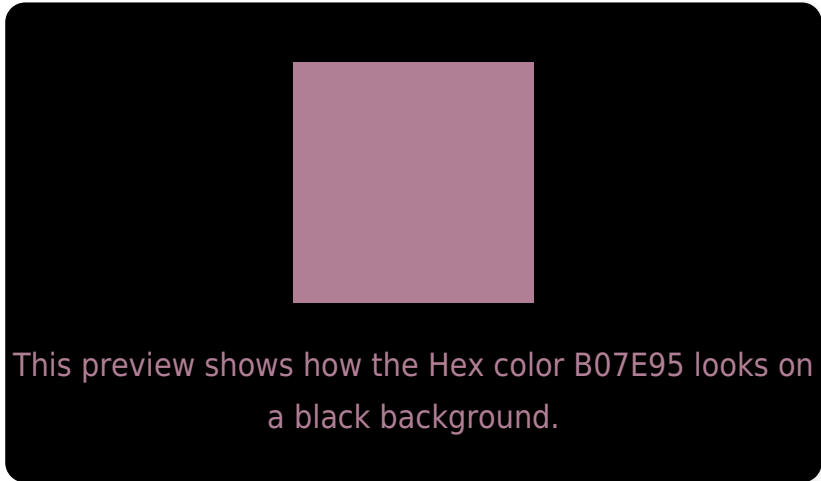
Large Text (above 18pt) WCAG AA ✓ Pass

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

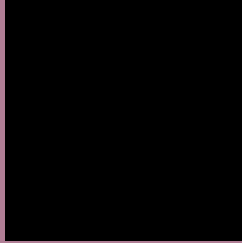
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B07E95 Background



This preview shows how black text looks on a background with the Hex color B07E95.

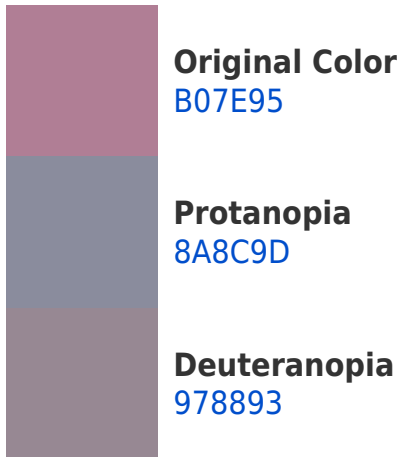


This preview shows how white text looks on a background with the Hex color B07E95.

# 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**  
AF808A

# Trichromacy



**Original Color**  
B07E95

**Protanomaly**  
98879A

**Deuteranomaly**  
A08494

**Tritanomaly**  
AF7F8E

# Monochromacy



**Original Color**  
B07E95

**Achromatopsia**  
909090

**Achromatomaly**  
9C8992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B07E95 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 #B07E95 looks like.

```
.text, #text, p{  
    color:#B07E95  
}
```

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 #B07E95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07E95
}
```

## Border

The CSS property to change the border of an element to Hex B07E95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

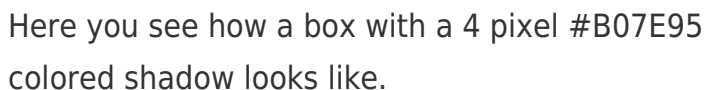
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B07E95 }
```

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

```
.border{ border-color:#B07E95 }
```

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



Here you see how a box with a 4 pixel #B07E95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07E95; -webkit-box-shadow:4px 4px  
4px 4px #B07E95; box-shadow:4px 4px 4px  
4px #B07E95 }
```

# Background

The CSS property to change the background color of an element to Hex B07E95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07E95 }
```

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

```
.background{ background-color:#B07E95 }
```

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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