

# Converting Colors

Hex(B90978)

Have a look what the booklet for  
Hex(B90978) contains.

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# Color

**Hex(B90978)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B90978</a>
RGB	<a href="#">185, 9, 120</a>
RGB Percent	<a href="#">73%, 4%, 47%</a>
CMY	<a href="#">0.2745, 0.9647, 0.5294</a>
CMYK	<a href="#">0.00, 0.95, 0.35, 0.27</a>
HSL	<a href="#">322°, 91%, 38%</a>
HSV	<a href="#">322°, 95%, 73%</a>
XYZ	<a href="#">23.4954, 11.8657, 18.8213</a>
YIQ	<a href="#">74.2780, 69.2650, 71.8330</a>

# Conversions

## Conversions Part 2

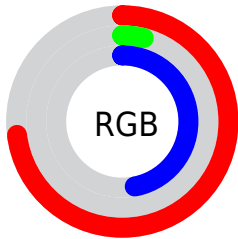
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 9, 120
Decimal	12126584
CIELab	41.00, 68.10, -13.13
CIELCh	41, 69.356, 349.086
Yxy	11.8657, 0.4336, 0.2190
Android (android.graphics.Color)	4290316664 (0xFFB90978)
YUV	74.2780, 22.5409, 97.1032
Hunter-Lab	34.4467, 61.4699, -8.2827

# Details

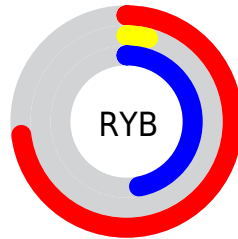
The Hex color **B90978** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **09B94A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **F557AC**, and **7E0047** is the 20% darker color. If you saturate the color by 10%, you get **B90075**, and if you desaturate by 10%, it is **B91B7F**.

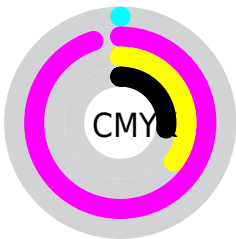
# Distribution



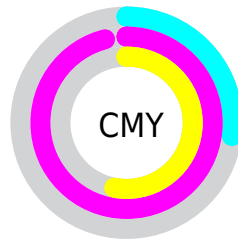
- Red (73%)
- Green (4%)
- Blue (47%)



- Red (73%)
- Yellow (4%)
- Blue (47%)



- Cyan (0%)
- Magenta (95%)
- Yellow (35%)
- Black (27%)



- Cyan (27%)
- Magenta (96%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B90978 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 B90978 by changing the saturation by 10% instead.



 B90978

 B90978

FFFFFF

 9B005F

 F557AC

 7E0047

 FF74C8

 620031

 FF91E4

 47001D

 FFAEFF

 2A0001

 FFCBFF

 000000

 FFE9FF

 B90978

 B90978

 B90075

 B91B7F

 B92E86

 B9408C

 B95393

 B9669A

 B978A1

 B98BA8

 B99DAF

 B9AFB5

# Harmonies

## Analogous

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



8E3BAC



B90978



C10A40

# Triad

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



B90978



546900



0076B7

# Complementary

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



B90978



09B94A

# 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.



007885



B90978



007300

# Square

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



B90978



875700



007749



006ED2

# Rectangle

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



B90978



B62C1A



007749



0078A8



# Sweetspot

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



B90978



F0AAD6



4A09B9



784E68



F7F7F7



787878



# Same Dimension

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



B90978



F00097



B90920



5C5358



9C0062



1C0012



# Inverse Universe

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



B90978



F00097



09B9A2



5C5358



9C0062



1C0012



# Previews

## White Background



This preview shows how the Hex color B90978 looks on a white background.

## Color Contrast Check

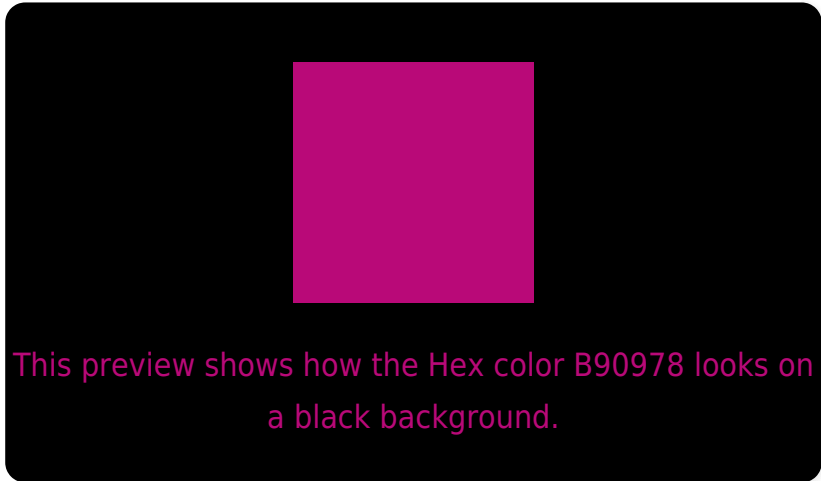
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex B90978 Background



This preview shows how black text looks on a background with the Hex color B90978.

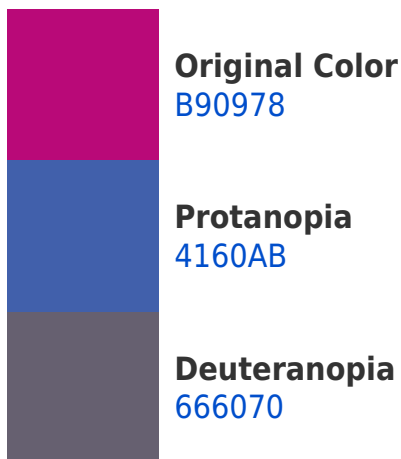


This preview shows how white text looks on a background with the Hex color B90978.

# 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





# Trichromacy



**Original Color**  
B90978



**Protanomaly**  
6D4098



**Deuteranomaly**  
844073

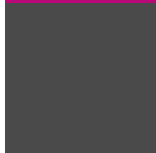


**Tritanomaly**  
B6224B

# Monochromacy



**Original Color**  
B90978



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
72325B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B90978 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 #B90978 looks like.

```
.text, #text, p{  
    color:#B90978  
}
```

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 #B90978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B90978
}
```

## Border

The CSS property to change the border of an element to Hex B90978 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
#B90978 }
```

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

```
.border{ border-color:#B90978 }
```

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

Here you see how a box with a 4 pixel #B90978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B90978; -webkit-box-shadow:4px 4px  
4px 4px #B90978; box-shadow:4px 4px 4px  
4px #B90978 }
```

# Background

The CSS property to change the background color of an element to Hex B90978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B90978 }
```

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

```
.background{ background-color:#B90978 }
```

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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