

Converting Colors

Hex(90BD99)

Have a look what the booklet for
Hex(90BD99) contains.

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Color

Hex(90BD99)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 90BD99 |
| RGB | 144, 189, 153 |
| RGB Percent | 56%, 74%, 60% |
| CMY | 0.4353, 0.2588, 0.4000 |
| CMYK | 0.24, 0.00, 0.19, 0.26 |
| HSL | 132°, 25%, 65% |
| HSV | 132°, 24%, 74% |
| XYZ | 35.4490, 44.6244, 36.8820 |
| YIQ | 171.4410, -15.2640, -20.7360 |

Conversions

Conversions Part 2

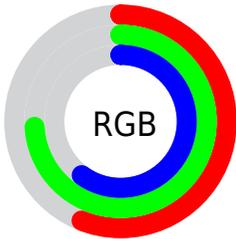
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 182, 189 |
| Decimal | 9485721 |
| CIELab | 72.64, -22.18, 13.42 |
| CIELCh | 73, 25.921, 148.826 |
| Yxy | 44.6244, 0.3031, 0.3816 |
| Android (android.graphics.Color) | 4287675801 (0xFF90BD99) |
| YUV | 171.4410, -9.0914, -24.0658 |
| Hunter-Lab | 66.8015, -22.1796, 14.0262 |

Details

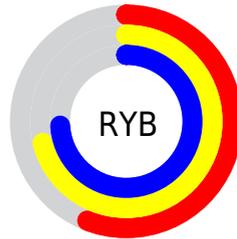
The Hex color **90BD99** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD90B4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C7F5CF**, and **5D8766** is the 20% darker color. If you saturate the color by 10%, you get **7DBD8A**, and if you desaturate by 10%, it is **A3BDA8**.

Distribution



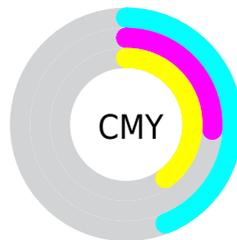
- Red (56%)
- Green (74%)
- Blue (60%)



- Red (56%)
- Yellow (71%)
- Blue (74%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (26%)



- Cyan (44%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BD99 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 90BD99 by changing the saturation by 10% instead.

 90BD99

 90BD99

FFFFFF

 76A27F

 C7F5CF

 5D8766

 E3FFEC

 446E4E

 2C5537

 143E21

 00280C

 001100

 000000

 90BD99

 90BD99

 7DBD8A

 A3BDA8

 6ABD7B

 B6BDB7

 57BD6C

 C9BDC6

 44BD5D

 DCBDD5

 31BD4D

 EFBDE5

 1FBD3E

 FFBDF4

 0CBD2F

 FFBDF4

 00BD26

Harmonies

Analogous

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



ABB888



90BD99



78C0B0

Triad

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



90BD99



94B5E1



E2A39C

Complementary

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



90BD99



BD90B4

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.



E0A1B4



90BD99



B5ACDC

Square

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



90BD99



77BBDA



D0A5CB



D8A88A

Rectangle

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



90BD99



6EBFC1



D0A5CB



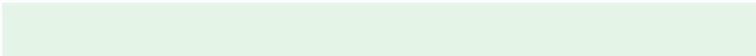
E3A1A4

Sweetspot

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



90BD99



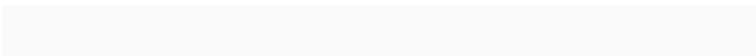
E4F5E7



B4BD90



717A73



FAFAFA



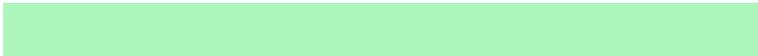
7A7A7A

Same Dimension

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



90BD99



AEF5BC



90BDAF



555E57



009E20



001F06

Inverse Universe

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



BD90B4



F5AEE7



BD909E



5E555C



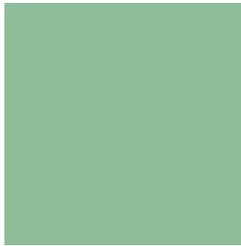
9E007E



1F0018

Previews

White Background



This preview shows how the Hex color 90BD99 looks on a white background.

Color Contrast Check

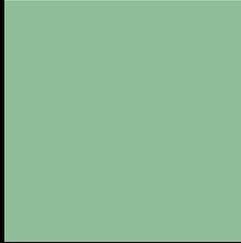
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 90BD99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

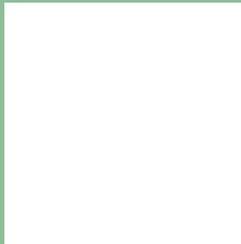
Any Text WCAG AAA ✓ Pass

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

Hex 90BD99 Background



This preview shows how black text looks on a background with the Hex color 90BD99.

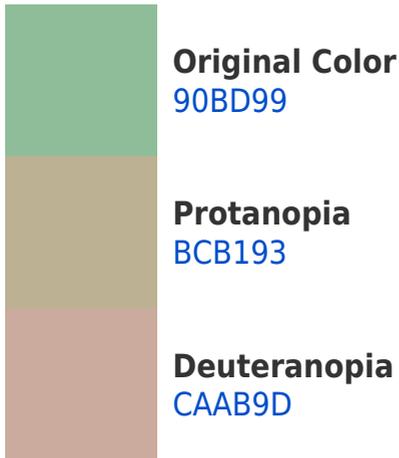


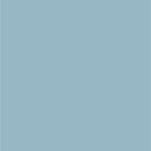
This preview shows how white text looks on a background with the Hex color 90BD99.

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
98B7C5

Trichromacy



Original Color
90BD99

Protanomaly
ACB595

Deuteranomaly
B5B29C

Tritanomaly
95B9B5

Monochromacy



Original Color
90BD99

Achromatopsia
ABABAB

Achromatomaly
A1B2A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 90BD99 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 #90BD99 looks like.

```
.text, #text, p{  
    color:#90BD99  
}
```

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 #90BD99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BD99
}
```

Border

The CSS property to change the border of an element to Hex 90BD99 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
#90BD99 }
```

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

```
.border{ border-color:#90BD99 }
```

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

Here you see how a box with a 4 pixel #90BD99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BD99; -webkit-box-shadow:4px 4px  
4px 4px #90BD99; box-shadow:4px 4px 4px  
4px #90BD99 }
```

Background

The CSS property to change the background color of an element to Hex 90BD99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BD99 }
```

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

```
.background{ background-color:#90BD99 }
```

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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