

Converting Colors

Hex(90BD88)

Have a look what the booklet for
Hex(90BD88) contains.

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Color

Hex(90BD88)

Conversions

Conversions Part 1

Format	Color
Hex	90BD88
RGB	144, 189, 136
RGB Percent	56%, 74%, 53%
CMY	0.4353, 0.2588, 0.4667
CMYK	0.24, 0.00, 0.28, 0.26
HSL	111°, 29%, 64%
HSV	111°, 28%, 74%
XYZ	34.1431, 44.1021, 30.0056
YIQ	169.5030, -9.8070, -26.0230

Conversions

Conversions Part 2

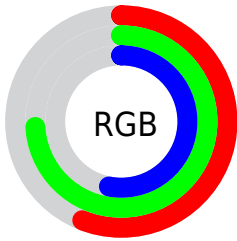
Format	Color
RYB	136, 189, 181
Decimal	9485704
CIELab	72.30, -25.16, 22.09
CIELCh	72, 33.475, 138.718
Yxy	44.1021, 0.3154, 0.4074
Android (android.graphics.Color)	4287675784 (0xFF90BD88)
YUV	169.5030, -16.5170, -22.3661
Hunter-Lab	66.4094, -24.4440, 19.6977

Details

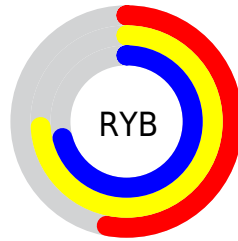
The Hex color **90BD88** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B588BD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C7F5BE**, and **5C8756** is the 20% darker color. If you saturate the color by 10%, you get **80BD75**, and if you desaturate by 10%, it is **A0BD9B**.

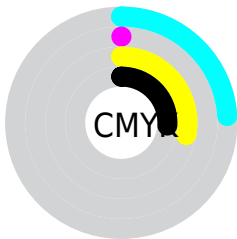
Distribution



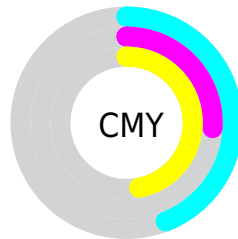
- Red (56%)
- Green (74%)
- Blue (53%)



- Red (53%)
- Yellow (74%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (26%)



- Cyan (44%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BD88 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 90BD88 by changing the saturation by 10% instead.

 90BD88

 90BD88

FFFFFF

 76A26E

 C7F5BE

 5C8756

 E3FFD9

 446E3E

 FFFFF6

 2B5528

 133E12

 002700

 000F00

 000000

 90BD88

 90BD88

 80BD75

 A0BD9B

 70BD62

 B0BDAE

 60BD4F

 C0BDC1

 50BD3C

 D0BDD4

 40BD29

 E0BDE7

 30BD17

 F0BDF9

 20BD04

 FFBDF9

 1DBD00

Harmonies

Analogous

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



B3B577



90BD88



6CC1A4

Triad

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



90BD88



76B8ED



EE9B9F

Complementary

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



90BD88



B588BD

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.



E69BBE



90BD88



A5AEEB

Square

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



90BD88



4FBFDE



CDA3DA



E6A185

Rectangle

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



90BD88



55C2B9



CDA3DA



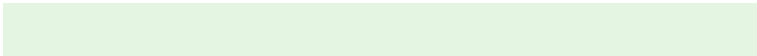
ED9AA9

Sweetspot

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



90BD88



E4F5E1



BDB488



707A6E



FAFAFA



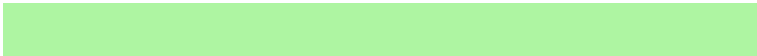
7A7A7A

Same Dimension

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



90BD88



AEF5A2



88BD9A



565E55



189E00



051F00

Inverse Universe

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



B588BD



E8A2F5



BD88AB



5D555E



86009E



1A001F

Previews

White Background



This preview shows how the Hex color 90BD88 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 90BD88 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

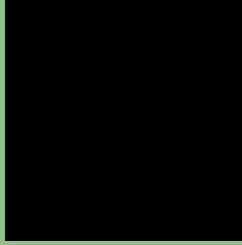
Any Text WCAG AA ✓ Pass

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 90BD88 Background



This preview shows how black text looks on a background with the Hex color 90BD88.

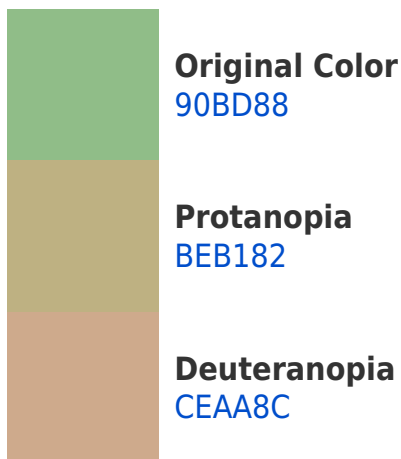


This preview shows how white text looks on a background with the Hex color 90BD88.

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](#).

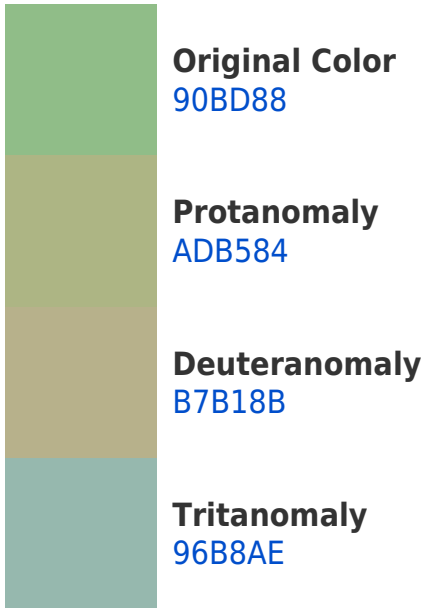
Dichromacy





Tritanopia
9AB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BD88 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 #90BD88 looks like.

```
.text, #text, p{  
    color:#90BD88  
}
```

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 #90BD88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BD88
}
```

Border

The CSS property to change the border of an element to Hex 90BD88 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
#90BD88 }
```

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

```
.border{ border-color:#90BD88 }
```

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

Here you see how a box with a 4 pixel #90BD88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BD88; -webkit-box-shadow:4px 4px  
4px 4px #90BD88; box-shadow:4px 4px 4px  
4px #90BD88 }
```

Background

The CSS property to change the background color of an element to Hex 90BD88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BD88 }
```

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

```
.background{ background-color:#90BD88 }
```

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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