

# Converting Colors

Hex(90D5A2)

Have a look what the booklet for  
Hex(90D5A2) contains.

<b>Hex(90D5A2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(90D5A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90D5A2
RGB	144, 213, 162
RGB Percent	56%, 84%, 64%
CMY	0.4353, 0.1647, 0.3647
CMYK	0.32, 0.00, 0.24, 0.16
HSL	136°, 45%, 70%
HSV	136°, 32%, 84%
XYZ	41.8174, 56.1264, 42.8119
YIQ	186.5550, -24.7530, -30.4890

# Conversions

## Conversions Part 2

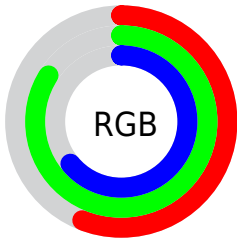
Format	Color
<a href="#">RYB</a>	<a href="#">144, 199, 213</a>
Decimal	<a href="#">9491874</a>
CIELab	<a href="#">79.69, -32.15, 18.45</a>
CIELCh	<a href="#">80, 37.073, 150.145</a>
Yxy	<a href="#">56.1264, 0.2971, 0.3988</a>
Android (android.graphics.Color)	<a href="#">4287681954 (0xFF90D5A2)</a>
YUV	<a href="#">186.5550, -12.1056, -37.3207</a>
Hunter-Lab	<a href="#">74.9176, -31.4708, 18.5608</a>

# Details

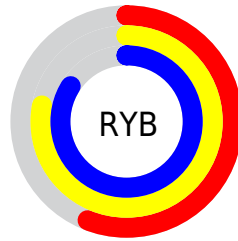
The Hex color **90D5A2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D590C3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C7FFD9**, and **5B9E6E** is the 20% darker color. If you saturate the color by 10%, you get **7BD592**, and if you desaturate by 10%, it is **A5D5B2**.

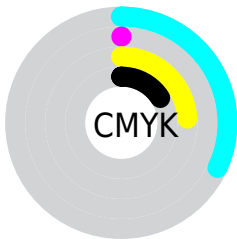
# Distribution



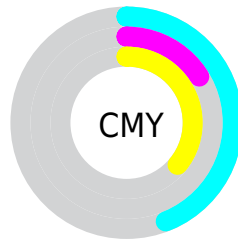
- Red (56%)
- Green (84%)
- Blue (64%)



- Red (56%)
- Yellow (78%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90D5A2 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 90D5A2 by changing the saturation by 10% instead.



 90D5A2

 90D5A2

FFFFFF

 75B988

 C7FFD9

 5B9E6E

 E4FFF6

 418456

 266A3E

 055128

 003A13

 002500

 000000

 90D5A2

 90D5A2

 7BD592

 A5D5B2

 65D583

 BBD5C1

 50D573

 D0D5D1

 3BD563

 E5D5E1

 26D553

 FBD5F1

 10D544

 FFD5FF

 00D538

# Harmonies

## Analogous

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



B9CE89



90D5A2



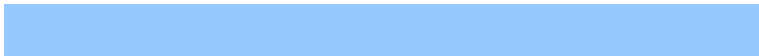
67D8C4

# Triad

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



90D5A2



97C9FF



FFAEA4

# Complementary

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



90D5A2



D590C3

# 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.



FFABC7



90D5A2



CABDFF

# Square

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



90D5A2



63D2FF



F2B1E8



F9B88B

# Rectangle

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



90D5A2



51D8DC



F2B1E8



FFACAF

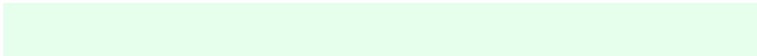


# Sweetspot

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



90D5A2



E6FFEC



C4D590



708074



000000



808080

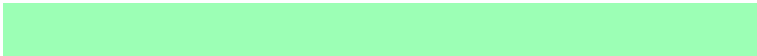


# Same Dimension

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



90D5A2



9CFFB5



90D5C4



606B63



00AB2D



002B0B



# Inverse Universe

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



D590C3



FF9CE5



D590A1



6B6068



AB007E

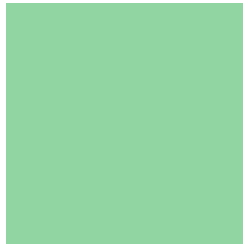


2B0020



# Previews

## White Background



This preview shows how the Hex color 90D5A2 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 90D5A2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

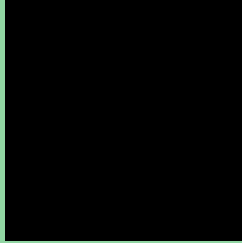
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90D5A2 Background



This preview shows how black text looks on a background with the Hex color 90D5A2.

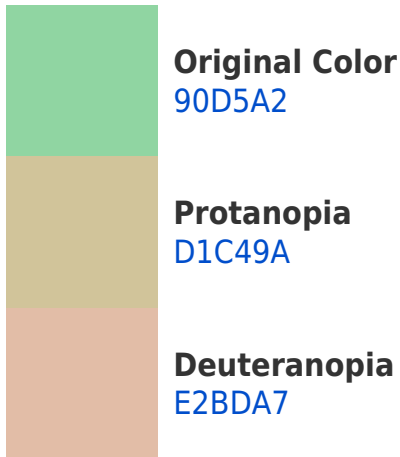


This preview shows how white text looks on a background with the Hex color 90D5A2.

# Color Blindness Simulation

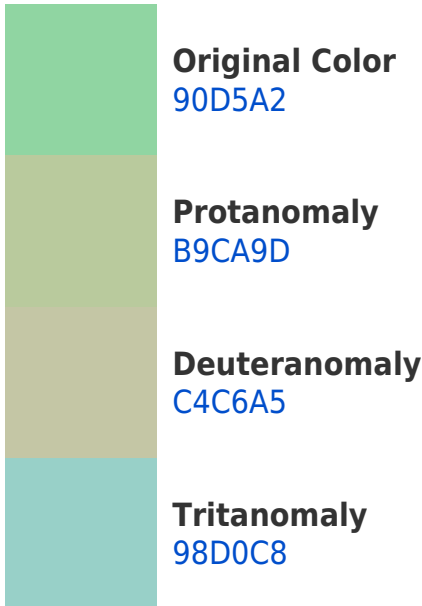
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

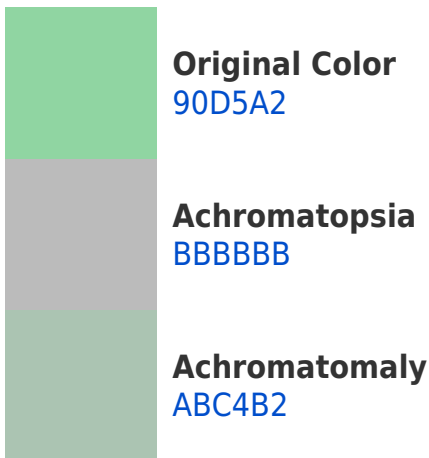




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90D5A2 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 #90D5A2 looks like.

```
.text, #text, p{  
    color:#90D5A2  
}
```

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 #90D5A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D5A2
}
```

## Border

The CSS property to change the border of an element to Hex 90D5A2 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
#90D5A2 }
```

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

```
.border{ border-color:#90D5A2 }
```

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

Here you see how a box with a 4 pixel #90D5A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D5A2; -webkit-box-shadow:4px 4px  
4px 4px #90D5A2; box-shadow:4px 4px 4px  
4px #90D5A2 }
```

# Background

The CSS property to change the background color of an element to Hex 90D5A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D5A2 }
```

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

```
.background{ background-color:#90D5A2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor