

Converting Colors

Hex(90D6A7)

Have a look what the booklet for
Hex(90D6A7) contains.

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Color

Hex(90D6A7)

Conversions

Conversions Part 1

Format	Color
Hex	90D6A7
RGB	144, 214, 167
RGB Percent	56%, 84%, 65%
CMY	0.4353, 0.1608, 0.3451
CMYK	0.33, 0.00, 0.22, 0.16
HSL	140°, 46%, 70%
HSV	140°, 33%, 84%
XYZ	42.5232, 56.8124, 45.2839
YIQ	187.7120, -26.6330, -29.4570

Conversions

Conversions Part 2

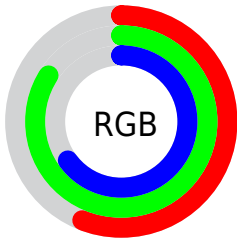
Format	Color
RYB	144, 197, 214
Decimal	9492135
CIELab	80.07, -31.70, 16.36
CIELCh	80, 35.670, 152.706
Yxy	56.8124, 0.2940, 0.3928
Android (android.graphics.Color)	4287682215 (0xFF90D6A7)
YUV	187.7120, -10.2110, -38.3354
Hunter-Lab	75.3740, -31.2015, 17.1410

Details

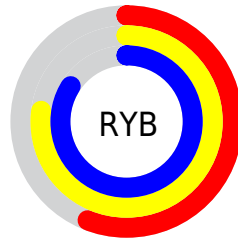
The Hex color **90D6A7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D690BF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C8FFDE**, and **5B9F73** is the 20% darker color. If you saturate the color by 10%, you get **7BD699**, and if you desaturate by 10%, it is **A5D6B5**.

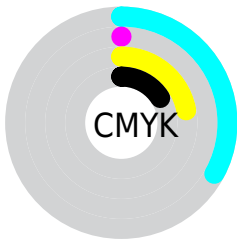
Distribution



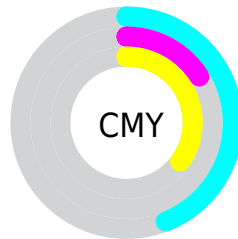
- Red (56%)
- Green (84%)
- Blue (65%)



- Red (56%)
- Yellow (77%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90D6A7 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 90D6A7 by changing the saturation by 10% instead.

 90D6A7

 90D6A7

FFFFFF

 75BA8D

 C8FFDE

 5B9F73

 E4FFFB

 41845A

 266B43

 04522C

 003A17

 002500

 000100

 000000

 90D6A7

 90D6A7

 7BD699

 A5D6B5

 65D68A

 BBD6C4

 50D67C

 D0D6D2

 3AD66E

 E6D6E0

 25D65F

 FBD6EF

 10D651

 FFD6FD

 00D646

 FFD6FF

Harmonies

Analogous

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



B7CF8E



90D6A7



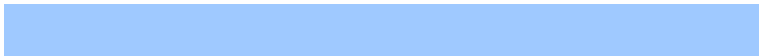
6AD9C9

Triad

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



90D6A7



9FC9FF



FFB1A4

Complementary

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



90D6A7



D690BF

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.



FFADC5



90D6A7



CFBDFE

Square

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



90D6A7



6ED2FF



F4B2E6



F7BA8C

Rectangle

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



90D6A7



59D8DF



F4B2E6



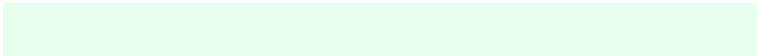
FFAFAE

Sweetspot

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



90D6A7



E6FFEE



C0D690



708075



000000



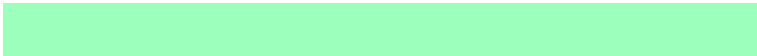
808080

Same Dimension

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



90D6A7



9CFFBC



90D6C9



606B64



00AB38



002B0E

Inverse Universe

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



D690BF



FF9CDE



D6909D



6B6068



AB0073



2B001D

Previews

White Background



This preview shows how the Hex color 90D6A7 looks on a white background.

Color Contrast Check

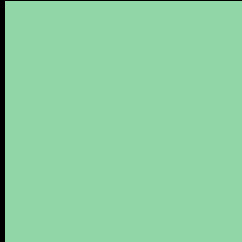
Large Text (above 18pt) WCAG AA × Fail

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 90D6A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

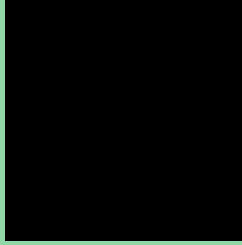
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

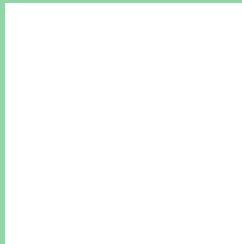
Any Text WCAG AAA ✓ Pass

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

Hex 90D6A7 Background



This preview shows how black text looks on a background with the Hex color 90D6A7.

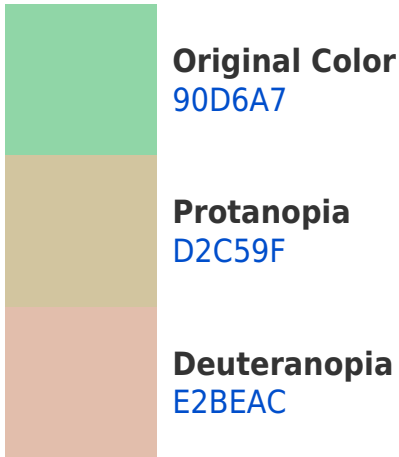


This preview shows how white text looks on a background with the Hex color 90D6A7.

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
9BCEDF

Trichromacy



Original Color
90D6A7



Protanomaly
BACBA2



Deuteranomaly
C4C7AA



Tritanomaly
97D1CB

Monochromacy



Original Color
90D6A7



Achromatopsia
BCBCBC



Achromatomaly
ACC5B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 90D6A7 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 #90D6A7 looks like.

```
.text, #text, p{  
    color:#90D6A7  
}
```

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 #90D6A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D6A7
}
```

Border

The CSS property to change the border of an element to Hex 90D6A7 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
#90D6A7 }
```

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

```
.border{ border-color:#90D6A7 }
```

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

Here you see how a box with a 4 pixel #90D6A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D6A7; -webkit-box-shadow:4px 4px  
4px 4px #90D6A7; box-shadow:4px 4px 4px  
4px #90D6A7 }
```

Background

The CSS property to change the background color of an element to Hex 90D6A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D6A7 }
```

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

```
.background{ background-color:#90D6A7 }
```

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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