

Converting Colors

Hex(9DD790)

Have a look what the booklet for
Hex(9DD790) contains.

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Color

Hex(9DD790)

Conversions

Conversions Part 1

Format	Color
Hex	9DD790
RGB	157, 215, 144
RGB Percent	62%, 84%, 56%
CMY	0.3843, 0.1569, 0.4353
CMYK	0.27, 0.00, 0.33, 0.16
HSL	109°, 47%, 70%
HSV	109°, 33%, 84%
XYZ	43.2391, 57.7826, 35.2598
YIQ	189.5640, -11.7770, -34.3770

Conversions

Conversions Part 2

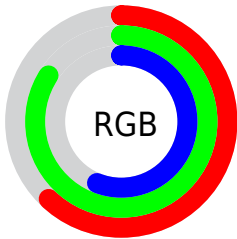
Format	Color
RYB	144, 215, 202
Decimal	10344336
CIELab	80.62, -31.91, 29.24
CIElCh	81, 43.280, 137.499
Yxy	57.7826, 0.3173, 0.4240
Android (android.graphics.Color)	4288534416 (0xFF9DD790)
YUV	189.5640, -22.4631, -28.5586
Hunter-Lab	76.0149, -31.4909, 25.7085

Details

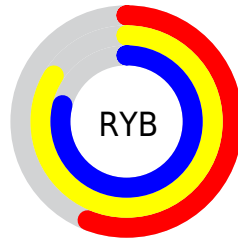
The Hex color **9DD790** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CA90D7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D5FFC6**, and **68A05D** is the 20% darker color. If you saturate the color by 10%, you get **8BD77A**, and if you desaturate by 10%, it is **AFD7A6**.

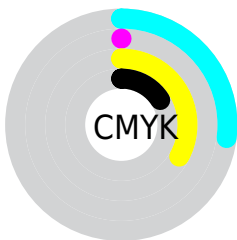
Distribution



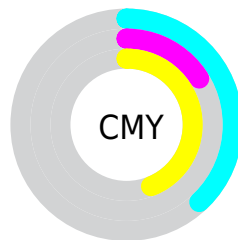
- Red (62%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (79%)



- Cyan (27%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (38%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD790 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 9DD790 by changing the saturation by 10% instead.

 9DD790

 9DD790

FFFFFF

 82BB76

 D5FFC6

 68A05D

 F2FFE3

 4E8545

 346C2D

 1A5316

 003C00

 002600

 000400

 000000

 9DD790

 9DD790

 8BD77A

 AFD7A6

 7AD765

 C0D7BB

 68D74F

 D2D7D1

 57D73A

 E3D7E6

 45D725

 F5D7FC

 34D70F

 FFD7FF

 27D700

Harmonies

Analogous

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



CBCD7A



9DD790



68DDB5

Triad

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



9DD790



6ED1FF



FFA9B2

Complementary

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



9DD790



CA90D7

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.



FFAADB



9DD790



B4C4FF

Square

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



9DD790



1CDAFF



EAB5FF



FFB28E

Rectangle

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



9DD790



3FDED1



EAB5FF



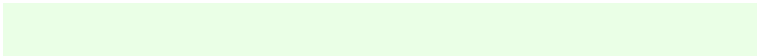
FFA8BF

Sweetspot

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



9DD790



EAFFE6



D7CA90



738070



000000



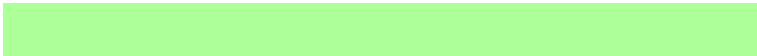
808080

Same Dimension

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



9DD790



ACFF99



90D7A6



626B60



1FAB00



082B00

Inverse Universe

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



CA90D7



EC99FF



D790C1



69606B



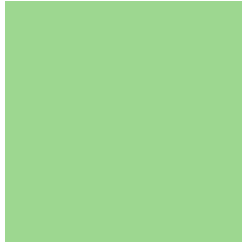
8C00AB



23002B

Previews

White Background



This preview shows how the Hex color 9DD790 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 9DD790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

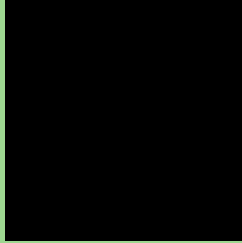
Any Text WCAG AA ✓ Pass

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 9DD790 Background



This preview shows how black text looks on a background with the Hex color 9DD790.

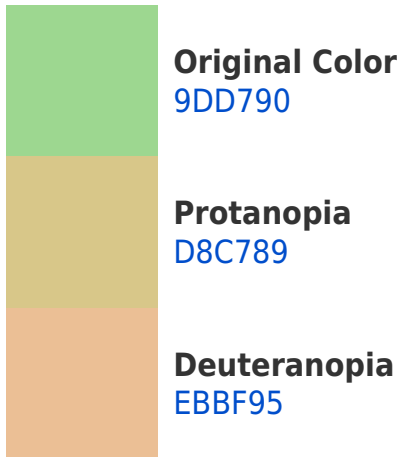


This preview shows how white text looks on a background with the Hex color 9DD790.

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](#).

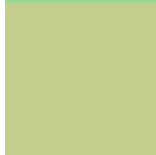
Dichromacy



Trichromacy



Original Color
9DD790



Protanomaly
C3CD8C



Deuteranomaly
CFC893

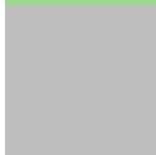


Tritanomaly
A5D1C2

Monochromacy



Original Color
9DD790



Achromatopsia
BEBEBE



Achromatomaly
B2C7AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD790 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 #9DD790 looks like.

```
.text, #text, p{  
    color:#9DD790  
}
```

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 #9DD790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD790
}
```

Border

The CSS property to change the border of an element to Hex 9DD790 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
#9DD790 }
```

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

```
.border{ border-color:#9DD790 }
```

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

Here you see how a box with a 4 pixel #9DD790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD790; -webkit-box-shadow:4px 4px  
4px 4px #9DD790; box-shadow:4px 4px 4px  
4px #9DD790 }
```

Background

The CSS property to change the background color of an element to Hex 9DD790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD790 }
```

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

```
.background{ background-color:#9DD790 }
```

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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