

Converting Colors

Hex(9DDD90)

Have a look what the booklet for
Hex(9DDD90) contains.

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Color

Hex(9DDD90)

Conversions

Conversions Part 1

Format	Color
Hex	9DDD90
RGB	157, 221, 144
RGB Percent	62%, 87%, 56%
CMY	0.3843, 0.1333, 0.4353
CMYK	0.29, 0.00, 0.35, 0.13
HSL	110°, 53%, 72%
HSV	110°, 35%, 87%
XYZ	44.7951, 60.8946, 35.7784
YIQ	193.0860, -13.4270, -37.5150

Conversions

Conversions Part 2

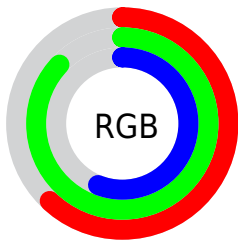
Format	Color
RYB	144, 221, 208
Decimal	10345872
CIELab	82.32, -34.70, 31.51
CIElCh	82, 46.868, 137.757
Yxy	60.8946, 0.3166, 0.4304
Android (android.graphics.Color)	4288535952 (0xFF9DDD90)
YUV	193.0860, -24.1994, -31.6474
Hunter-Lab	78.0350, -34.0953, 27.4405

Details

The Hex color **9DDD90** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D090DD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D5FFC6**, and **67A65D** is the 20% darker color. If you saturate the color by 10%, you get **8BDD7A**, and if you desaturate by 10%, it is **AFDDA6**.

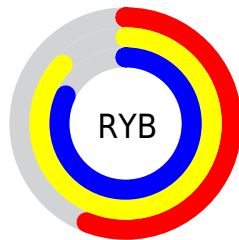
Distribution



Red (62%)

Green (87%)

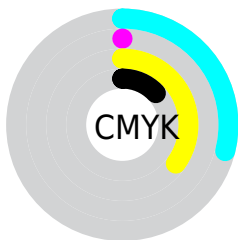
Blue (56%)



Red (56%)

Yellow (87%)

Blue (82%)

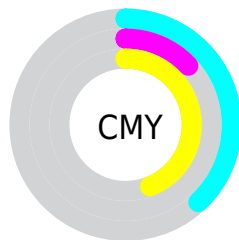


Cyan (29%)

Magenta (0%)

Yellow (35%)

Black (13%)



Cyan (38%)

Magenta (13%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DDD90 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 9DDD90 by changing the saturation by 10% instead.

 9DDD90

 9DDD90

FFFFFF

 82C176

 D5FFC6

 67A65D

 F2FFE3

 4D8B44

 33712D

 175815

 004000

 002A00

 000F00

 000000

 9DDD90

 9DDD90

 8BDD7A

 AFDDA6

 78DD64

 C2DDBC

 66DD4E

 D4DDD2

 54DD38

 E6DDE8

 41DD21

 F9DDFF

 2FDD0B

 FFDDFF

 25DD00

Harmonies

Analogous

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



CFD277



9DDD90



61E3B9

Triad

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



9DDD90



66D7FF



FFABB4

Complementary

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



9DDD90



D090DD

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.



FFACE1



9DDD90



B6C8FF

Square

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



9DDD90



00E0FF



F2B8FF



FFB58D

Rectangle

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



9DDD90



26E4D7



F2B8FF



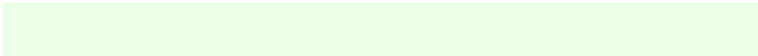
FFAAC3

Sweetspot

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



9DDD90



EAFFE6



DDCF90



738070



000000



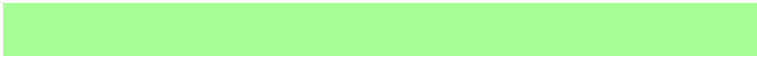
808080

Same Dimension

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



9DDD90



A6FF94



90DDA8



656E63



1DAD00



082E00

Inverse Universe

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



D090DD



ED94FF



DD90C5



6C636E



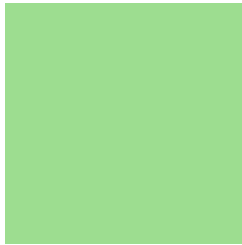
9000AD



26002E

Previews

White Background



This preview shows how the Hex color 9DDD90 looks on a white background.

Color Contrast Check

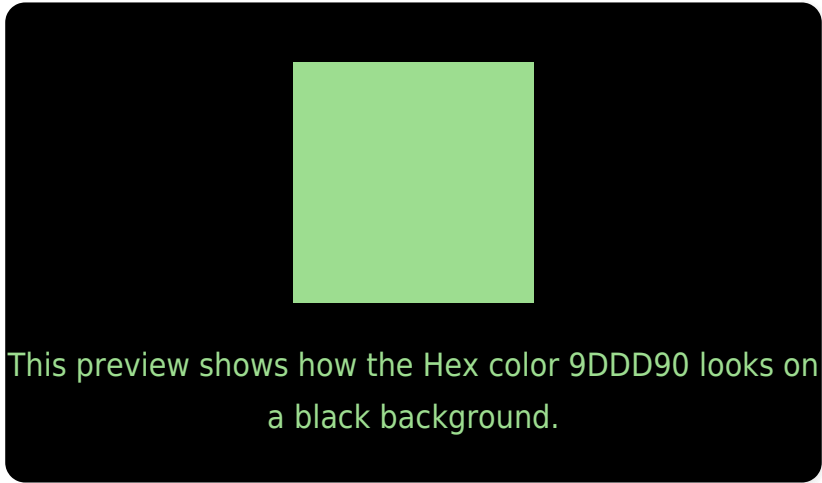
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

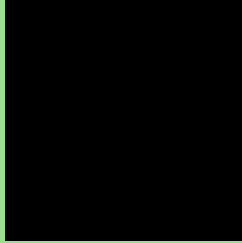
Any Text WCAG AA ✓ Pass

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 9DDD90 Background



This preview shows how black text looks on a background with the Hex color 9DDD90.

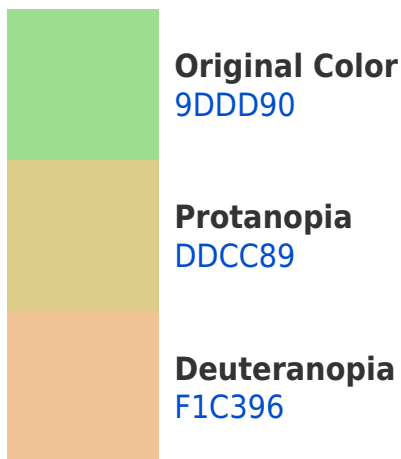


This preview shows how white text looks on a background with the Hex color 9DDD90.

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



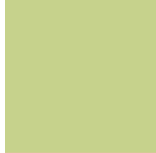


Tritanopia
ABD3E4

Trichromacy



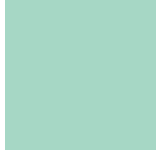
Original Color
9DDD90



Protanomaly
C6D28C



Deuteranomaly
D2CC94

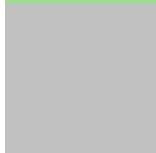


Tritanomaly
A6D7C5

Monochromacy



Original Color
9DDD90



Achromatopsia
C1C1C1



Achromatomaly
B4CBAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DDD90 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 #9DDD90 looks like.

```
.text, #text, p{  
    color:#9DDD90  
}
```

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 #9DDD90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDD90
}
```

Border

The CSS property to change the border of an element to Hex 9DDD90 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
#9DDD90 }
```

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

```
.border{ border-color:#9DDD90 }
```

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

Here you see how a box with a 4 pixel #9DDD90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDD90; -webkit-box-shadow:4px 4px  
4px 4px #9DDD90; box-shadow:4px 4px 4px  
4px #9DDD90 }
```

Background

The CSS property to change the background color of an element to Hex 9DDD90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDD90 }
```

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

```
.background{ background-color:#9DDD90 }
```

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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