

Converting Colors

Hex(9DD292)

Have a look what the booklet for
Hex(9DD292) contains.

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Color

Hex(9DD292)

Conversions

Conversions Part 1

Format	Color
Hex	9DD292
RGB	157, 210, 146
RGB Percent	62%, 82%, 57%
CMY	0.3843, 0.1765, 0.4275
CMYK	0.25, 0.00, 0.30, 0.18
HSL	110°, 42%, 70%
HSV	110°, 30%, 82%
XYZ	42.1395, 55.3366, 35.6542
YIQ	186.8570, -11.0440, -31.1400

Conversions

Conversions Part 2

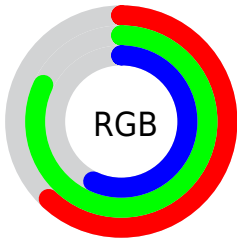
Format	Color
RYB	146, 210, 199
Decimal	10343058
CIELab	79.23, -29.24, 26.35
CIElCh	79, 39.355, 137.976
Yxy	55.3366, 0.3165, 0.4157
Android (android.graphics.Color)	4288533138 (0xFF9DD292)
YUV	186.8570, -20.1425, -26.1846
Hunter-Lab	74.3886, -29.0636, 23.6545

Details

The Hex color **9DD292** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C792D2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **D5FFC8**, and **689B5F** is the 20% darker color. If you saturate the color by 10%, you get **8CD27D**, and if you desaturate by 10%, it is **AED2A7**.

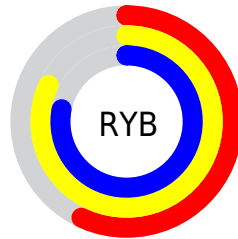
Distribution



Red (62%)

Green (82%)

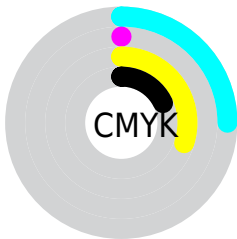
Blue (57%)



Red (57%)

Yellow (82%)

Blue (78%)

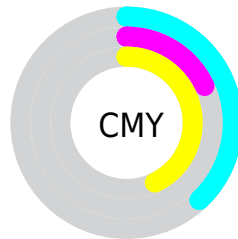


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (38%)

Magenta (18%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD292 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 9DD292 by changing the saturation by 10% instead.

 9DD292

 9DD292

FFFFFF

 82B678

 D5FFC8

 689B5F

 F1FFE5

 4F8147

 36682F

 1C4F19

 003800

 002300

 000000

 9DD292

 9DD292

 8CD27D

 AED2A7

 7AD268

 C0D2BC

 69D253

 D1D2D1

 57D23E

 E3D2E6

 46D229

 F4D2FB

 35D214

 FFD2FF

 24D200

Harmonies

Analogous

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



C7C97E



9DD292



6FD7B4

Triad

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



9DD292



78CCFF



FFA9AF

Complementary

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



9DD292



C792D2

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.



FFAAD5



9DD292



B3C0FF

Square

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



9DD292



42D4FA



E4B3F6



FFB18F

Rectangle

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



9DD292



51D8CD



E4B3F6



FFA8BC

Sweetspot

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



9DD292



ECFFE8



D2C692



748071



000000



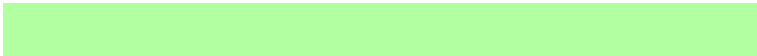
808080

Same Dimension

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



9DD292



B1FFA1



92D2A6



60695E



1DA800



072900

Inverse Universe

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



C792D2



EFA1FF



D292BE



675E69



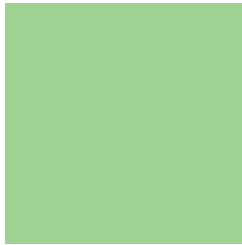
8B00A8



220029

Previews

White Background



This preview shows how the Hex color 9DD292 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 9DD292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

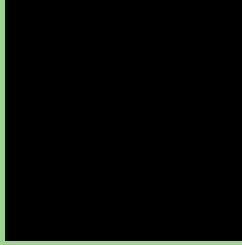
Any Text WCAG AA ✓ Pass

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 9DD292 Background



This preview shows how black text looks on a background with the Hex color 9DD292.

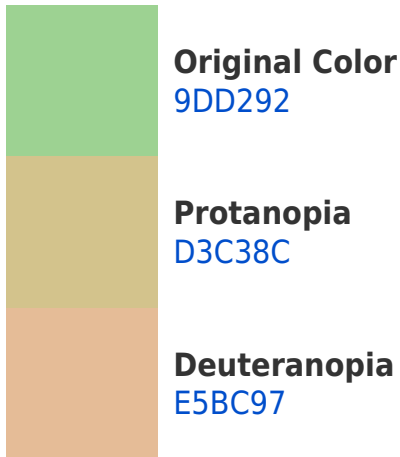


This preview shows how white text looks on a background with the Hex color 9DD292.

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
A9C9D9

Trichromacy



Original Color
9DD292



Protanomaly
BFC88E



Deuteranomaly
CBC495



Tritanomaly
A5CCBF

Monochromacy



Original Color
9DD292



Achromatopsia
BBBBBB



Achromatomaly
B0C3AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD292 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 #9DD292 looks like.

```
.text, #text, p{  
    color:#9DD292  
}
```

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 #9DD292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD292
}
```

Border

The CSS property to change the border of an element to Hex 9DD292 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
#9DD292 }
```

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

```
.border{ border-color:#9DD292 }
```

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

Here you see how a box with a 4 pixel #9DD292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD292; -webkit-box-shadow:4px 4px  
4px 4px #9DD292; box-shadow:4px 4px 4px  
4px #9DD292 }
```

Background

The CSS property to change the background color of an element to Hex 9DD292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD292 }
```

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

```
.background{ background-color:#9DD292 }
```

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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