

Converting Colors

Hex(99DD99)

Have a look what the booklet for
Hex(99DD99) contains.

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Color

Hex(99DD99)

Conversions

Conversions Part 1

Format	Color
Hex	99DD99
RGB	153, 221, 153
RGB Percent	60%, 87%, 60%
CMY	0.4000, 0.1333, 0.4000
CMYK	0.31, 0.00, 0.31, 0.13
HSL	120°, 50%, 73%
HSV	120°, 31%, 87%
XYZ	44.7431, 60.7851, 39.5115
YIQ	192.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

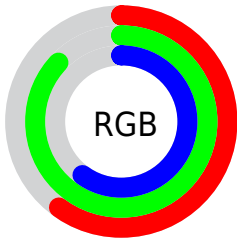
Format	Color
RYB	153, 221, 221
Decimal	10083737
CIELab	82.26, -34.59, 26.76
CIELCh	82, 43.738, 142.270
Yxy	60.7851, 0.3085, 0.4191
Android (android.graphics.Color)	4288273817 (0xFF99DD99)
YUV	192.9160, -19.6786, -35.0063
Hunter-Lab	77.9648, -33.9994, 24.5280

Details

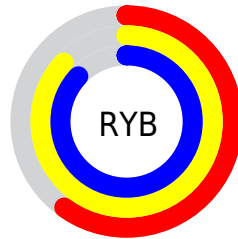
The Hex color **99DD99** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DD99DD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D1FFD0**, and **63A665** is the 20% darker color. If you saturate the color by 10%, you get **83DD83**, and if you desaturate by 10%, it is **AFDDAF**.

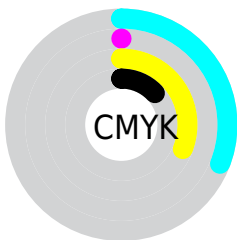
Distribution



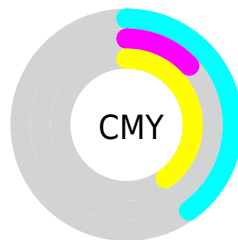
- Red (60%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (40%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99DD99 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 99DD99 by changing the saturation by 10% instead.

 99DD99

 99DD99

FFFFFF

 7EC17F

 D1FFD0

 63A665

 EEFFEC


 498B4D

 2F7135

 11581F

 004007

 002A00

 000F00

 000000

 99DD99

 99DD99

 83DD83

 AFDDAF

 6DDD6D

 C5DDC5

 57DD57

 DBDDDB

 41DD41

 F1DDF1

 2BDD2B

 FFDDFF

 14DD14

 00DD00

Harmonies

Analogous

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



C9D47F



99DD99



62E2C0

Triad

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



99DD99



7ED4FF



FFAEBO

Complementary

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



99DD99



DD99DD

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.



FFAED9



99DD99



C2C6FF

Square

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



99DD99



2FDEFF



F6B7FF



FFB88D

Rectangle

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



99DD99



38E3DD



F6B7FF



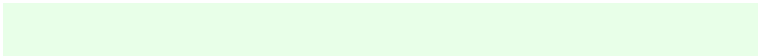
FFADBD

Sweetspot

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



99DD99



E8FFE8



DDDD99



718071



000000



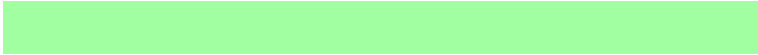
808080

Same Dimension

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



99DD99



A1FFA1



99DDBB



636E63



00AD00



002E00

Inverse Universe

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



DD99DD



FFA1FF



DD99BB



6E636E



AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 99DD99 looks on a white background.

Color Contrast Check

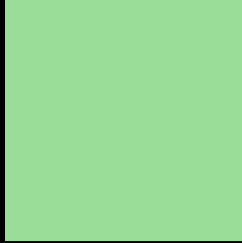
Large Text (above 18pt) WCAG AA × Fail

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 99DD99 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 99DD99 Background



This preview shows how black text looks on a background with the Hex color 99DD99.

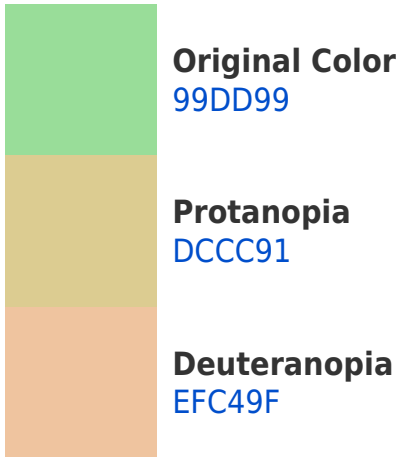


This preview shows how white text looks on a background with the Hex color 99DD99.

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](#).

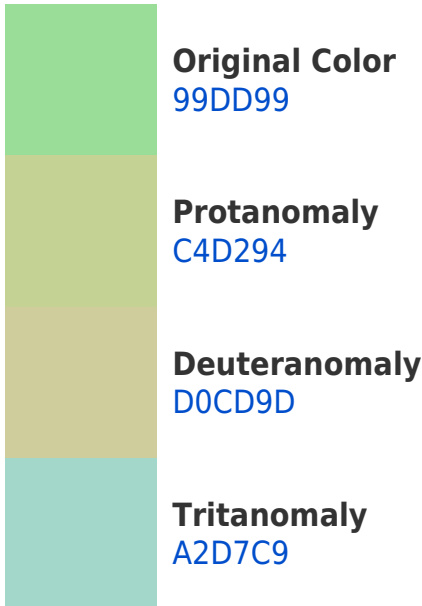
Dichromacy



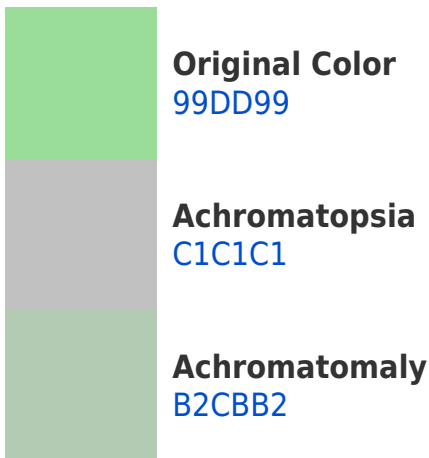


Tritanopia
A7D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99DD99 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 #99DD99 looks like.

```
.text, #text, p{  
    color:#99DD99  
}
```

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 #99DD99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DD99
}
```

Border

The CSS property to change the border of an element to Hex 99DD99 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
#99DD99 }
```

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

```
.border{ border-color:#99DD99 }
```

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

Here you see how a box with a 4 pixel #99DD99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DD99; -webkit-box-shadow:4px 4px  
4px 4px #99DD99; box-shadow:4px 4px 4px  
4px #99DD99 }
```

Background

The CSS property to change the background color of an element to Hex 99DD99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DD99 }
```

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

```
.background{ background-color:#99DD99 }
```

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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