

Converting Colors

Hex(9DD554)

Have a look what the booklet for
Hex(9DD554) contains.

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Color

Hex(9DD554)

Conversions

Conversions Part 1

Format	Color
Hex	9DD554
RGB	157, 213, 84
RGB Percent	62%, 84%, 33%
CMY	0.3843, 0.1647, 0.6706
CMYK	0.26, 0.00, 0.61, 0.16
HSL	86°, 61%, 58%
HSV	86°, 61%, 84%
XYZ	39.2991, 55.3967, 17.0089
YIQ	181.5500, 8.0330, -51.9910

Conversions

Conversions Part 2

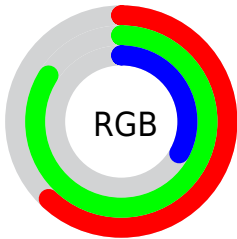
Format	Color
RYB	84, 213, 140
Decimal	10343764
CIELab	79.27, -38.15, 56.54
CIELCh	79, 68.211, 124.007
Yxy	55.3967, 0.3518, 0.4959
Android (android.graphics.Color)	4288533844 (0xFF9DD554)
YUV	181.5500, -48.0921, -21.5303
Hunter-Lab	74.4290, -36.0012, 38.5510

Details

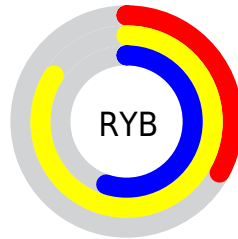
The Hex color **9DD554** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **8C54D5**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D6FF8A**, and **669E1B** is the 20% darker color. If you saturate the color by 10%, you get **94D53F**, and if you desaturate by 10%, it is **A6D569**.

Distribution



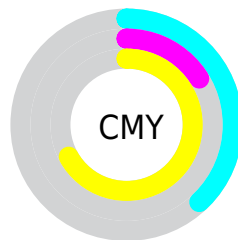
- Red (62%)
- Green (84%)
- Blue (33%)



- Red (33%)
- Yellow (84%)
- Blue (55%)



- Cyan (26%)
- Magenta (0%)
- Yellow (61%)
- Black (16%)



- Cyan (38%)
- Magenta (16%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD554 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 9DD554 by changing the saturation by 10% instead.

 9DD554

 9DD554

FFFFFF

 81B939

 D6FF8A

 669E1B

 F4FFA6

 4A8400

 FFFFC2

 2E6A00

 FFFFDF

 0D5100

 FFFFFC

 003A00

 002600

 000000

 9DD554

 9DD554

 94D53F

 A6D569

 8BD529

 AFD57F

 81D514

 B9D594

 79D500

 C2D5A9

 CBD5BF

 D4D5D4

 DED5E9

 E7D5FE

 F0D5FF

Harmonies

Analogous

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



DFC43B



9DD554



34DF8A

Triad

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



9DD554



00D9FF



FF8ABE

Complementary

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



9DD554



8C54D5

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.



FF96FD



9DD554



48C9FF

Square

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



9DD554



00E2FF



D2B0FF



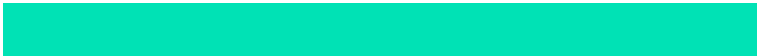
FF9581

Rectangle

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



9DD554



00E2B5



D2B0FF



FF8CD4

Sweetspot

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



9DD554



EBFFD1



D58C54



738063



000000



808080

Same Dimension

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



9DD554



AEFF45



5DD554



666B60



61AB00



192B00

Inverse Universe

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



8C54D5



9645FF



CC54D5



65606B



4A00AB



13002B

Previews

White Background



This preview shows how the Hex color 9DD554 looks on a white background.

Color Contrast Check

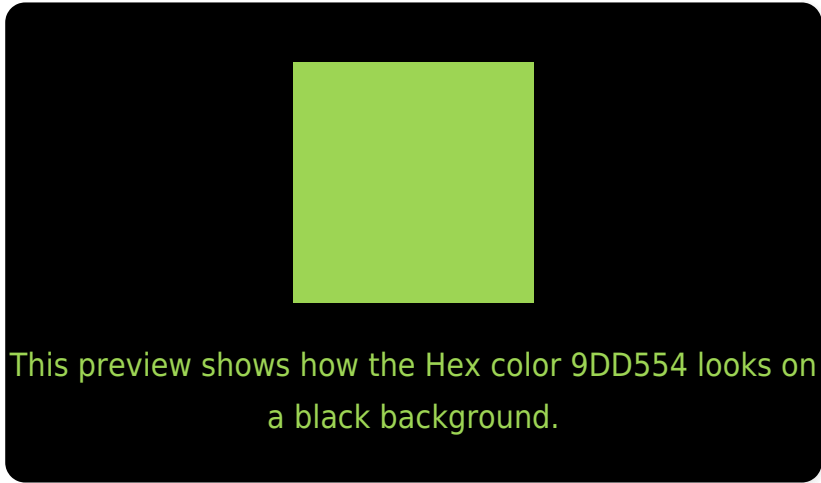
Large Text (above 18pt) WCAG AA × Fail

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 9DD554 Background



This preview shows how black text looks on a background with the Hex color 9DD554.

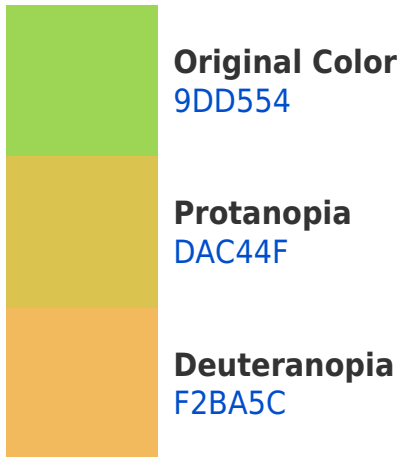


This preview shows how white text looks on a background with the Hex color 9DD554.

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](#).

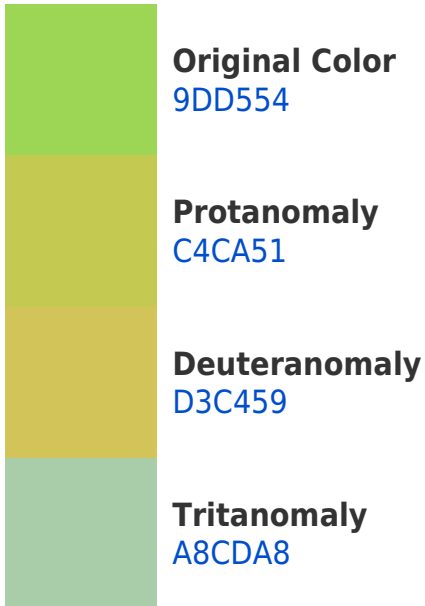
Dichromacy



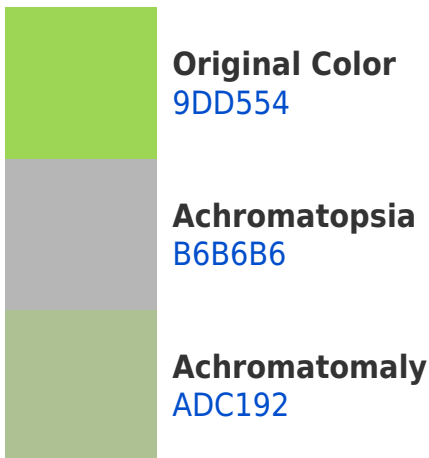


Tritanopia
AEC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD554 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 #9DD554 looks like.

```
.text, #text, p{  
    color:#9DD554  
}
```

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 #9DD554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD554
}
```

Border

The CSS property to change the border of an element to Hex 9DD554 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
#9DD554 }
```

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

```
.border{ border-color:#9DD554 }
```

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

Here you see how a box with a 4 pixel #9DD554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD554; -webkit-box-shadow:4px 4px  
4px 4px #9DD554; box-shadow:4px 4px 4px  
4px #9DD554 }
```

Background

The CSS property to change the background color of an element to Hex 9DD554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD554 }
```

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

```
.background{ background-color:#9DD554 }
```

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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