

Converting Colors

Hex(99D957)

Have a look what the booklet for
Hex(99D957) contains.

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Color

Hex(99D957)

Conversions

Conversions Part 1

Format	Color
Hex	99D957
RGB	153, 217, 87
RGB Percent	60%, 85%, 34%
CMY	0.4000, 0.1490, 0.6588
CMYK	0.29, 0.00, 0.60, 0.15
HSL	90°, 63%, 60%
HSV	90°, 60%, 85%
XYZ	39.6700, 57.0861, 17.9447
YIQ	183.0440, 3.5860, -53.9980

Conversions

Conversions Part 2

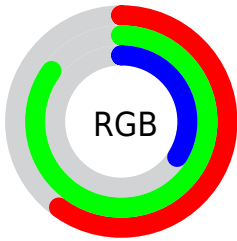
Format	Color
RYB	87, 217, 151
Decimal	10082647
CIELab	80.23, -41.11, 56.26
CIELCh	80, 69.680, 126.161
Yxy	57.0861, 0.3459, 0.4977
Android (android.graphics.Color)	4288272727 (0xFF99D957)
YUV	183.0440, -47.3497, -26.3486
Hunter-Lab	75.5554, -38.5012, 38.8071

Details

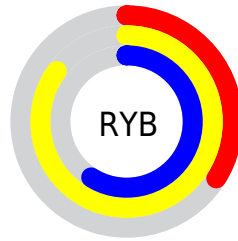
The Hex color **99D957** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9757D9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **D2FF8D**, and **61A21E** is the 20% darker color. If you saturate the color by 10%, you get **8ED941**, and if you desaturate by 10%, it is **A4D96D**.

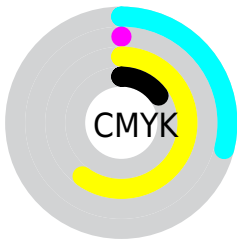
Distribution



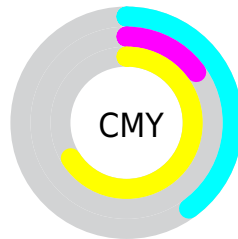
- Red (60%)
- Green (85%)
- Blue (34%)



- Red (34%)
- Yellow (85%)
- Blue (59%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99D957 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 99D957 by changing the saturation by 10% instead.

 99D957

 99D957

FFFFFF

 7DBD3C

 D2FF8D

 61A21E


 F0FFA9

 458700

 FFFFC5

 286D00

 FFFF E2

 015400

 003D00

 002800

 000200

 000000

 99D957

 99D957

 8ED941

 A4D96D

 84D92C

 AED982

 79D916

 B9D998

 6ED900

 C4D9AE

 CED9C4

 D9D9D9

 E4D9EF

 EED9FF

 F9D9FF

Harmonies

Analogous

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



DDC83A



99D957



1BE390

Triad

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



99D957



00DCFF



FF8BBC

Complementary

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



99D957



9757D9

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



99D957



57CAFF

Square

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



99D957



00E5FF



DCB0FF



FF987E

Rectangle

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



99D957



00E6BC



DCB0FF



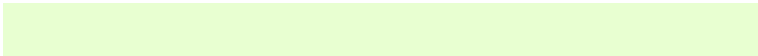
FF8CD2

Sweetspot

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



99D957



E8FFD1



D99657



728063



000000



808080

Same Dimension

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



99D957



A5FF47



59D957



686E63



58AD00



172E00

Inverse Universe

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



9757D9



A247FF



D757D9



68636E



5500AD



17002E

Previews

White Background



This preview shows how the Hex color 99D957 looks on a white background.

Color Contrast Check

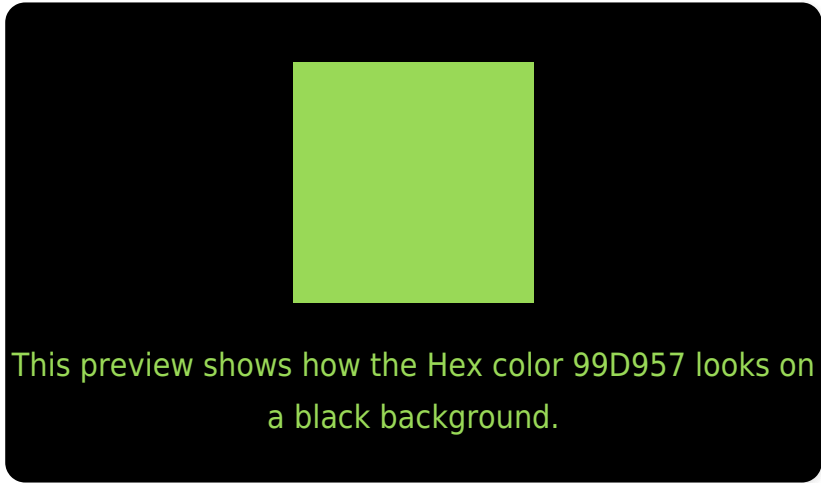
Large Text (above 18pt) WCAG AA × Fail

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 99D957 Background



This preview shows how black text looks on a background with the Hex color 99D957.

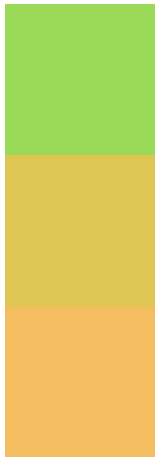


This preview shows how white text looks on a background with the Hex color 99D957.

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

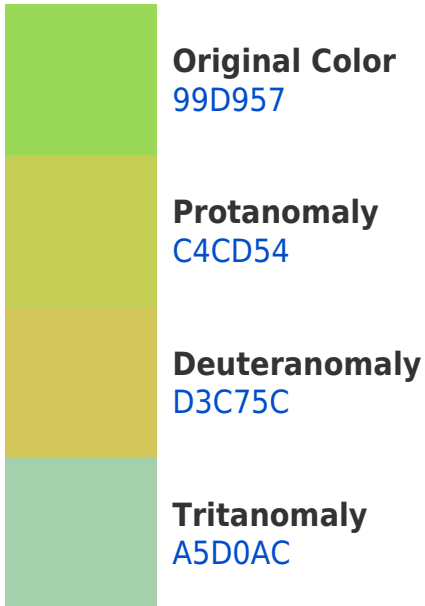


Original Color
99D957

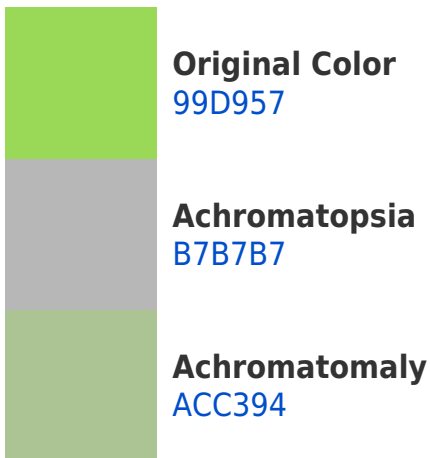
Protanopia
DDC652

Deuteranopia
F4BD5F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99D957 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 #99D957 looks like.

```
.text, #text, p{  
    color:#99D957  
}
```

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 #99D957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D957
}
```

Border

The CSS property to change the border of an element to Hex 99D957 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
#99D957 }
```

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

```
.border{ border-color:#99D957 }
```

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

Here you see how a box with a 4 pixel #99D957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D957; -webkit-box-shadow:4px 4px  
4px 4px #99D957; box-shadow:4px 4px 4px  
4px #99D957 }
```

Background

The CSS property to change the background color of an element to Hex 99D957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D957 }
```

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

```
.background{ background-color:#99D957 }
```

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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