

Converting Colors

Hex(98D759)

Have a look what the booklet for
Hex(98D759) contains.

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Color

Hex(98D759)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 98D759 |
| RGB | 152, 215, 89 |
| RGB Percent | 60%, 84%, 35% |
| CMY | 0.4039, 0.1569, 0.6510 |
| CMYK | 0.29, 0.00, 0.59, 0.16 |
| HSL | 90°, 61%, 60% |
| HSV | 90°, 59%, 84% |
| XYZ | 39.0525, 55.9975, 18.2015 |
| YIQ | 181.7990, 2.8980, -52.5420 |

Conversions

Conversions Part 2

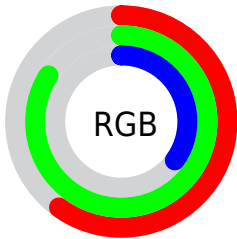
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 89, 215, 152 |
| Decimal | 10016601 |
| CIE _{Lab} | 79.61, -40.41, 54.67 |
| CIE _{LCh} | 80, 67.988, 126.468 |
| Yxy | 55.9975, 0.3448, 0.4945 |
| Android (android.graphics.Color) | 4288206681 (0xFF98D759) |
| YUV | 181.7990, -45.7499, -26.1337 |
| Hunter-Lab | 74.8315, -37.8009, 37.9608 |

Details

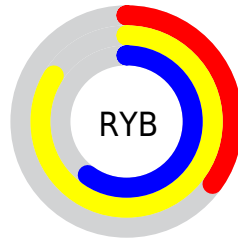
The Hex color **98D759** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **9859D7**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D1FF8F**, and **61A022** is the 20% darker color. If you saturate the color by 10%, you get **8DD744**, and if you desaturate by 10%, it is **A3D76E**.

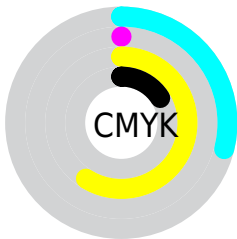
Distribution



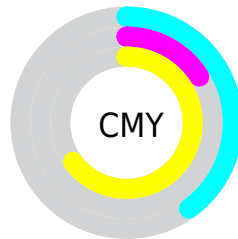
- Red (60%)
- Green (84%)
- Blue (35%)



- Red (35%)
- Yellow (84%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (59%)
- Black (16%)



- Cyan (40%)
- Magenta (16%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98D759 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 98D759 by changing the saturation by 10% instead.

 98D759

 98D759

FFFFFF

 7CBB3E

 D1FF8F

 61A022


 EFFFAB

 458500

 FFFFC7

 286C00

 FFFF E3

 015300

 003B00

 002700

 000000

 98D759

 98D759

 8DD744

 A3D76E

 83D72E

 AED784

 78D718

 B8D79A

 6DD703

 C3D7AF

 6CD700

 CED7C5

 D9D7DA

 E3D7F0

 EED7FF

 F9D7FF

Harmonies

Analogous

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



DBC73D



98D759



23E190

Triad

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



98D759



00D9FF



FF8BBA

Complementary

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



98D759



9859D7

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.



FF96F9



98D759



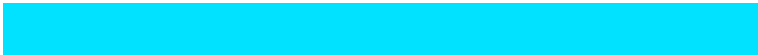
5DC8FF

Square

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



98D759



00E2FF



DBAFFF



FF987D

Rectangle

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



98D759



00E4BB



DBAFFF



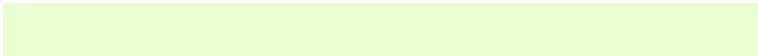
FF8CD0

Sweetspot

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



98D759



E8FFD1



D79859



718063



000000



808080

Same Dimension

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



98D759



A6FF4D



59D759



666B60



55AB00



162B00

Inverse Universe

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



9859D7



A64DFF



D759D7



66606B



5500AB



16002B

Previews

White Background



This preview shows how the Hex color 98D759 looks on a white background.

Color Contrast Check

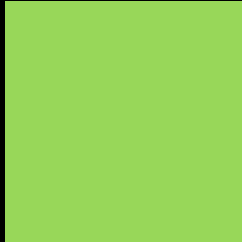
Large Text (above 18pt) WCAG AA × Fail

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 98D759 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 98D759 Background



This preview shows how black text looks on a background with the Hex color 98D759.

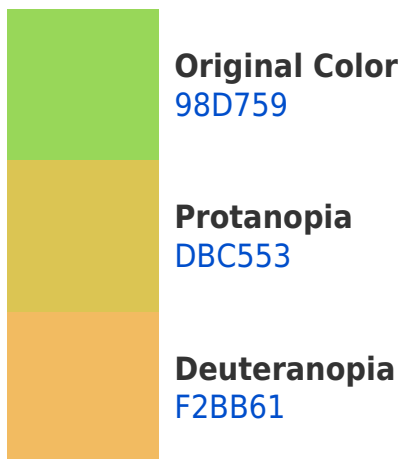


This preview shows how white text looks on a background with the Hex color 98D759.

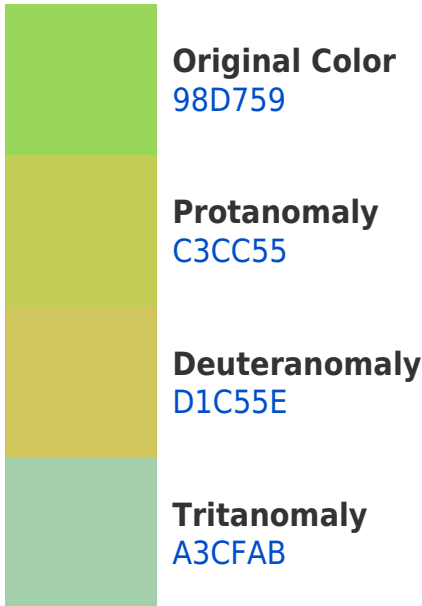
Color Blindness Simulation

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](#).

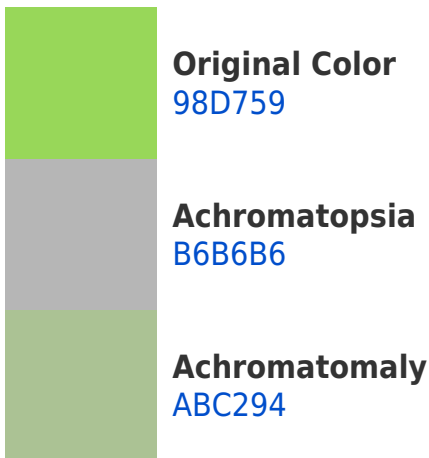
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98D759 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 #98D759 looks like.

```
.text, #text, p{  
    color:#98D759  
}
```

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 #98D759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98D759
}
```

Border

The CSS property to change the border of an element to Hex 98D759 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
#98D759 }
```

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

```
.border{ border-color:#98D759 }
```

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

Here you see how a box with a 4 pixel #98D759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98D759; -webkit-box-shadow:4px 4px  
4px 4px #98D759; box-shadow:4px 4px 4px  
4px #98D759 }
```

Background

The CSS property to change the background color of an element to Hex 98D759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98D759 }
```

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

```
.background{ background-color:#98D759 }
```

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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