

# Converting Colors

Hex(97D83D)

Have a look what the booklet for  
Hex(97D83D) contains.

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**Color**

**Hex(97D83D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97D83D
RGB	151, 216, 61
RGB Percent	59%, 85%, 24%
CMY	0.4078, 0.1529, 0.7608
CMYK	0.30, 0.00, 0.72, 0.15
HSL	85°, 67%, 54%
HSV	85°, 72%, 85%
XYZ	38.1607, 56.0280, 13.2181
YIQ	178.8950, 11.0150, -61.9850

# Conversions

## Conversions Part 2

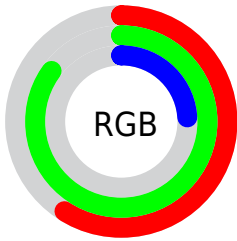
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 216, 126
Decimal	9951293
CIELab	79.63, -43.34, 65.85
CIELCh	80, 78.830, 123.350
Yxy	56.0280, 0.3553, 0.5216
Android (android.graphics.Color)	4288141373 (0xFF97D83D)
YUV	178.8950, -58.1222, -24.4639
Hunter-Lab	74.8518, -39.9885, 41.9263

# Details

The Hex color **97D83D** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7E3DD8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D1FF76**, and **5EA100** is the 20% darker color. If you saturate the color by 10%, you get **8ED827**, and if you desaturate by 10%, it is **A0D853**.

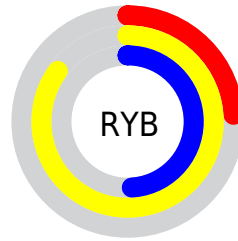
# Distribution



Red (59%)

Green (85%)

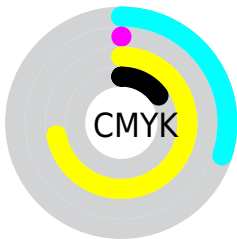
Blue (24%)



Red (24%)

Yellow (85%)

Blue (49%)

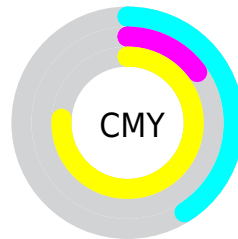


Cyan (30%)

Magenta (0%)

Yellow (72%)

Black (15%)



Cyan (41%)

Magenta (15%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97D83D 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 97D83D by changing the saturation by 10% instead.



 97D83D

 97D83D

FFFFFF

 7ABC1C

 D1FF76

 5EA100

 EFFF92

 418600

 FFFFAE

 236C00

 FFFF CB

 005400

 FFFF E8

 003C00

 002700

 000000

 97D83D

 97D83D

 8ED827

 A0D853

 85D812

 A9D868

 7DD800

 B2D87E

 BBD893

 C4D8A9

 CDD8BF

 D6D8D4

 DFD8EA

 E9D8FF

# Harmonies

## Analogous

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



E2C513



97D83D



00E380

# Triad

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



97D83D



00DEFF



FF7CC0

# Complementary

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



97D83D



7E3DD8

# 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.



FF8DFF



97D83D



00CBFF

# Square

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



97D83D



00E7FF



D1AEFF



FF8B79

# Rectangle

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



97D83D



00E7B2



D1AEFF



FF7FD9

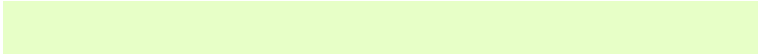


# Sweetspot

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



97D83D



E7FFC7



D87E3D



72805E



000000



808080



# Same Dimension

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



97D83D



A3FF24



4AD83D



676B60



63AB00



192B00



# Inverse Universe

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



7E3DD8



8024FF



CB3DD8



65606B



4800AB



12002B



# Previews

## White Background



This preview shows how the Hex color 97D83D 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 97D83D 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 97D83D Background



This preview shows how black text looks on a background with the Hex color 97D83D.

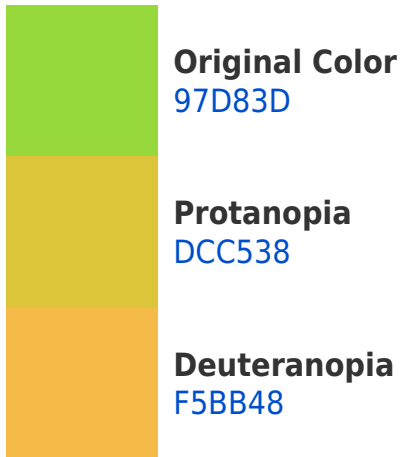


This preview shows how white text looks on a background with the Hex color 97D83D.

# 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



**Original Color**  
97D83D



**Protanomaly**  
C3CC3A



**Deuteranomaly**  
D3C644



**Tritanomaly**  
A4CFA1

# Monochromacy



**Original Color**  
97D83D



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
A9C088

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97D83D 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 #97D83D looks like.

```
.text, #text, p{  
    color:#97D83D  
}
```

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 #97D83D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D83D
}
```

## Border

The CSS property to change the border of an element to Hex 97D83D 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
#97D83D }
```

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

```
.border{ border-color:#97D83D }
```

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

Here you see how a box with a 4 pixel #97D83D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D83D; -webkit-box-shadow:4px 4px  
4px 4px #97D83D; box-shadow:4px 4px 4px  
4px #97D83D }
```

# Background

The CSS property to change the background color of an element to Hex 97D83D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D83D }
```

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

```
.background{ background-color:#97D83D }
```

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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