

Converting Colors

Hex(99D83C)

Have a look what the booklet for
Hex(99D83C) contains.

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Color

Hex(99D83C)

Conversions

Conversions Part 1

Format	Color
Hex	99D83C
RGB	153, 216, 60
RGB Percent	60%, 85%, 24%
CMY	0.4000, 0.1529, 0.7647
CMYK	0.29, 0.00, 0.72, 0.15
HSL	84°, 67%, 54%
HSV	84°, 72%, 85%
XYZ	38.5083, 56.2103, 13.0950
YIQ	179.3790, 12.5280, -61.8720

Conversions

Conversions Part 2

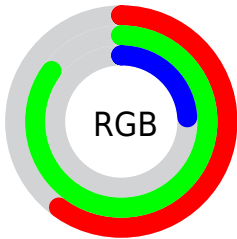
Format	Color
RYB	60, 216, 123
Decimal	10082364
CIELab	79.73, -42.67, 66.34
CIELCh	80, 78.872, 122.748
Yxy	56.2103, 0.3572, 0.5214
Android (android.graphics.Color)	4288272444 (0xFF99D83C)
YUV	179.3790, -58.8538, -23.1344
Hunter-Lab	74.9735, -39.5214, 42.1257

Details

The Hex color **99D83C** 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 **7B3CD8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **D3FF75**, and **60A100** is the 20% darker color. If you saturate the color by 10%, you get **90D826**, and if you desaturate by 10%, it is **A2D852**.

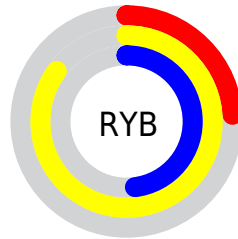
Distribution



Red (60%)

Green (85%)

Blue (24%)



Red (24%)

Yellow (85%)

Blue (48%)

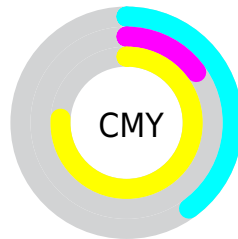


Cyan (29%)

Magenta (0%)

Yellow (72%)

Black (15%)



Cyan (40%)

Magenta (15%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99D83C 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 99D83C by changing the saturation by 10% instead.

 99D83C

 99D83C

FFFFFF

 7CBC1A

 D3FF75

 60A100

 F1FF91

 438600

 FFFFAD

 256C00

 FFFFCA

 005400

 FFFFEE

 003C00

 002700

 000000

 99D83C

 99D83C

 90D826

 A2D852

 88D811

 AAD867

 81D800

 B3D87D

 BCD892

 C5D8A8

 CDD8BE

 D6D8D3

 DFD8E9

 E8D8FE

Harmonies

Analogous

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



E4C413



99D83C



00E37F

Triad

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



99D83C



00DFFF



FF7DC2

Complementary

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



99D83C



7B3CD8

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.



FF8EFF



99D83C



00CCFF

Square

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



99D83C



00E7FF



CFAFFF



FF8A7A

Rectangle

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



99D83C



00E7B1



CFAFFF



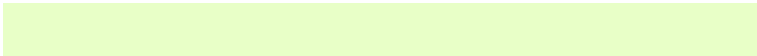
FF7FDB

Sweetspot

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



99D83C



E8FFC7



D87A3C



72805E



000000



808080

Same Dimension

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



99D83C



A5FF21



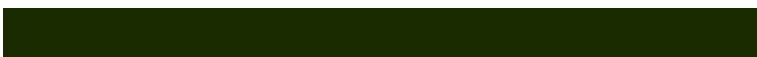
4CD83C



676B60



66AB00



1A2B00

Inverse Universe

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



7B3CD8



7B21FF



C83CD8



65606B



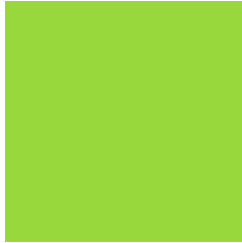
4500AB



12002B

Previews

White Background



This preview shows how the Hex color 99D83C 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 99D83C 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 99D83C Background



This preview shows how black text looks on a background with the Hex color 99D83C.



This preview shows how white text looks on a background with the Hex color 99D83C.

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

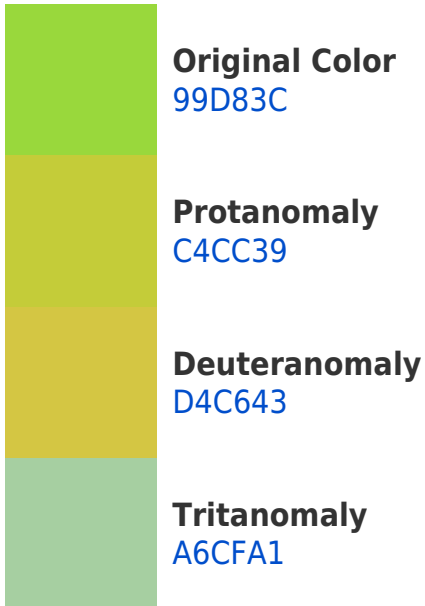


Original Color
99D83C

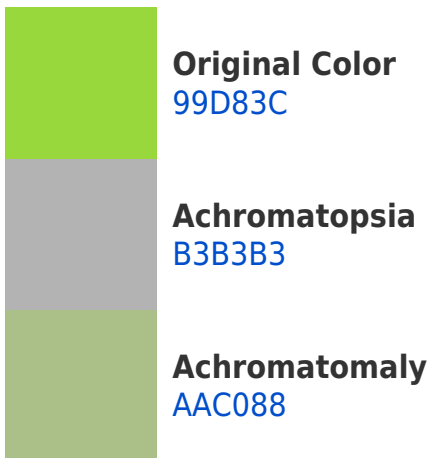
Protanopia
DDC537

Deuteranopia
F6BB47

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99D83C 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 #99D83C looks like.

```
.text, #text, p{  
    color:#99D83C  
}
```

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 #99D83C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D83C
}
```

Border

The CSS property to change the border of an element to Hex 99D83C 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
#99D83C }
```

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

```
.border{ border-color:#99D83C }
```

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

Here you see how a box with a 4 pixel #99D83C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D83C; -webkit-box-shadow:4px 4px  
4px 4px #99D83C; box-shadow:4px 4px 4px  
4px #99D83C }
```

Background

The CSS property to change the background color of an element to Hex 99D83C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D83C }
```

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

```
.background{ background-color:#99D83C }
```

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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