

Converting Colors

Hex(97D730)

Have a look what the booklet for
Hex(97D730) contains.

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Color

Hex(97D730)

Conversions

Conversions Part 1

Format	Color
Hex	97D730
RGB	151, 215, 48
RGB Percent	59%, 84%, 19%
CMY	0.4078, 0.1569, 0.8118
CMYK	0.30, 0.00, 0.78, 0.16
HSL	83°, 68%, 52%
HSV	83°, 78%, 84%
XYZ	37.5964, 55.3936, 11.5068
YIQ	176.8260, 15.4630, -65.5050

Conversions

Conversions Part 2

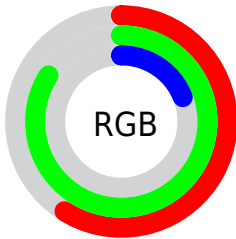
Format	Color
R_YB	48, 215, 112
Decimal	9951024
CIE Lab	79.27, -43.60, 69.70
CIE LCh	79, 82.212, 122.030
Yxy	55.3936, 0.3598, 0.5301
Android (android.graphics.Color)	4288141104 (0xFF97D730)
YUV	176.8260, -63.5112, -22.6494
Hunter-Lab	74.4269, -40.0785, 42.9323

Details

The Hex color **97D730** 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 **7030D7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D1FF6B**, and **5EA000** is the 20% darker color. If you saturate the color by 10%, you get **8FD71B**, and if you desaturate by 10%, it is **9FD746**.

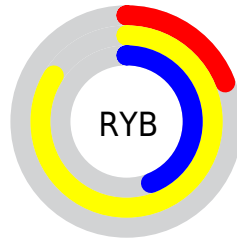
Distribution



Red (59%)

Green (84%)

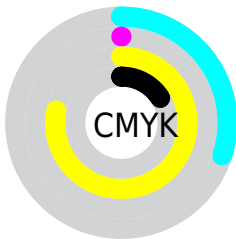
Blue (19%)



Red (19%)

Yellow (84%)

Blue (44%)

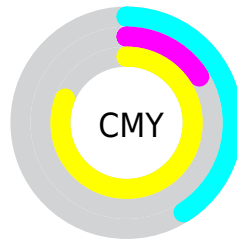


Cyan (30%)

Magenta (0%)

Yellow (78%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97D730 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 97D730 by changing the saturation by 10% instead.

 97D730

 97D730

FFFFFF

 7ABB00


 D1FF6B

 5EA000

 EFFF88

 408500

 FFFFA4

 216C00

 FFFFC1

 005300

 FFFFDE

 003B00

FFFFFFC

 002600

 000000

 97D730

 97D730

 8FD71B

 9FD746

 87D705

 A7D75B

 85D700

 B0D771


 B8D786

 C0D79C

 C8D7B1

 D1D7C7

 D9D7DC

 E1D7F2

Harmonies

Analogous

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



E5C300



97D730



00E378

Triad

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



97D730



00DFFF



FF76C2

Complementary

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



97D730



7030D7

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.



FF8AFF



97D730



00CCFF

Square

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



97D730



00E7FF



CAAEFF



FF8478

Rectangle

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



97D730



00E7AD



CAAEFF



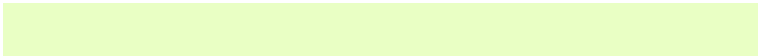
FF79DC

Sweetspot

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



97D730



E9FFC4



D76D30



72805C



000000



808080

Same Dimension

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



97D730



A4FF12



46D730



676B60



69AB00



1B2B00

Inverse Universe

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



7030D7



6D12FF



C130D7



64606B



4100AB



11002B

Previews

White Background



This preview shows how the Hex color 97D730 looks on a white background.

Color Contrast Check

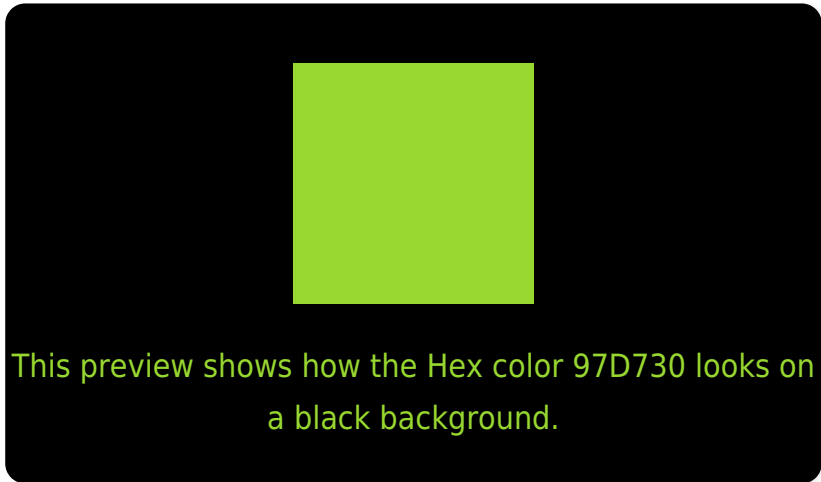
Large Text (above 18pt) WCAG AA × Fail

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 97D730 Background



This preview shows how black text looks on a background with the Hex color 97D730.

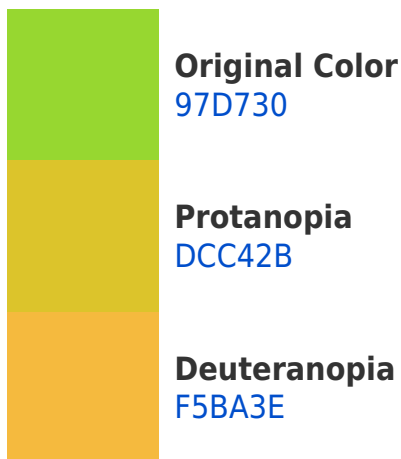


This preview shows how white text looks on a background with the Hex color 97D730.

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
97D730



Protanomaly
C3CB2D



Deuteranomaly
D3C539

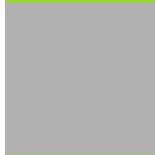


Tritanomaly
A4CD9B

Monochromacy



Original Color
97D730



Achromatopsia
B1B1B1



Achromatomaly
A8BF82

CSS Examples

Text

The CSS property to change the color of the text to Hex 97D730 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 #97D730 looks like.

```
.text, #text, p{  
    color:#97D730  
}
```

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 #97D730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D730
}
```

Border

The CSS property to change the border of an element to Hex 97D730 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
#97D730 }
```

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

```
.border{ border-color:#97D730 }
```

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

Here you see how a box with a 4 pixel #97D730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D730; -webkit-box-shadow:4px 4px  
4px 4px #97D730; box-shadow:4px 4px 4px  
4px #97D730 }
```

Background

The CSS property to change the background color of an element to Hex 97D730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D730 }
```

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

```
.background{ background-color:#97D730 }
```

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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