

Converting Colors

Hex(97A42A)

Have a look what the booklet for
Hex(97A42A) contains.

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Color

Hex(97A42A)

Conversions

Conversions Part 1

Format	Color
Hex	97A42A
RGB	151, 164, 42
RGB Percent	59%, 64%, 16%
CMY	0.4078, 0.3569, 0.8353
CMYK	0.08, 0.00, 0.74, 0.36
HSL	66°, 59%, 40%
HSV	66°, 74%, 64%
XYZ	26.4559, 33.2974, 7.2232
YIQ	146.2050, 31.4140, -40.6980

Conversions

Conversions Part 2

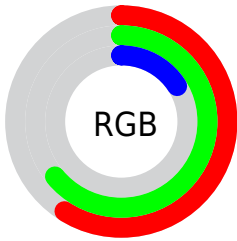
Format	Color
RYB	42, 164, 55
Decimal	9937962
CIELab	64.40, -20.10, 57.66
CIELCh	64, 61.061, 109.214
Yxy	33.2974, 0.3950, 0.4972
Android (android.graphics.Color)	4288128042 (0xFF97A42A)
YUV	146.2050, -51.3731, 4.2052
Hunter-Lab	57.7039, -19.1438, 32.9710

Details

The Hex color **97A42A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **372AA4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **D0DB61**, and **607000** is the 20% darker color. If you saturate the color by 10%, you get **95A41A**, and if you desaturate by 10%, it is **99A43A**.

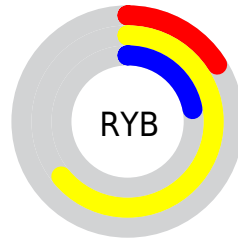
Distribution



Red (59%)

Green (64%)

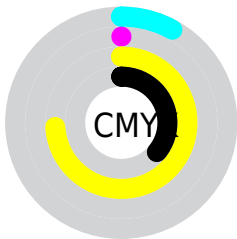
Blue (16%)



Red (16%)

Yellow (64%)

Blue (22%)

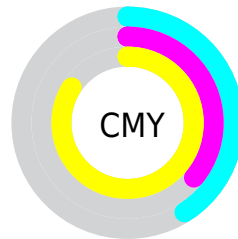


Cyan (8%)

Magenta (0%)

Yellow (74%)

Black (36%)



Cyan (41%)

Magenta (36%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97A42A 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 97A42A by changing the saturation by 10% instead.

 97A42A

 97A42A

FFFFFF

 7B8A04

 D0DB61

 607000

 EDF77C

 475800

 FFFF97

 2C4100

 FFFFB3

 122B00

 FFFFCE

 001800

 FFFFEC

 000000

 97A42A

 97A42A

 95A41A

 99A43A

 94A409

 9AA44B

 93A400

 9CA45B

 9EA46C

 A0A47C

 A1A48C

 A3A49D

 A5A4AD

 A7A4BE

Harmonies

Analogous

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



C99228



97A42A



55AF51

Triad

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



97A42A



00B2EE



F56CB2

Complementary

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



97A42A



372AA4

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.



CB7EE4



97A42A



00A8FF

Square

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



97A42A



00B6BE



7996FF



FF6B7B

Rectangle

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



97A42A



00B473



7996FF



EB70C4

Sweetspot

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



97A42A



D1D6A7



A4362A



686B4F



EBEBEB



6B6B6B

Same Dimension

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



97A42A



C2D618



5BA42A



515249



829100



101200

Inverse Universe

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



372AA4



2C18D6



732AA4



4A4952



0F0091



020012

Previews

White Background



This preview shows how the Hex color 97A42A looks on a white background.

Color Contrast Check

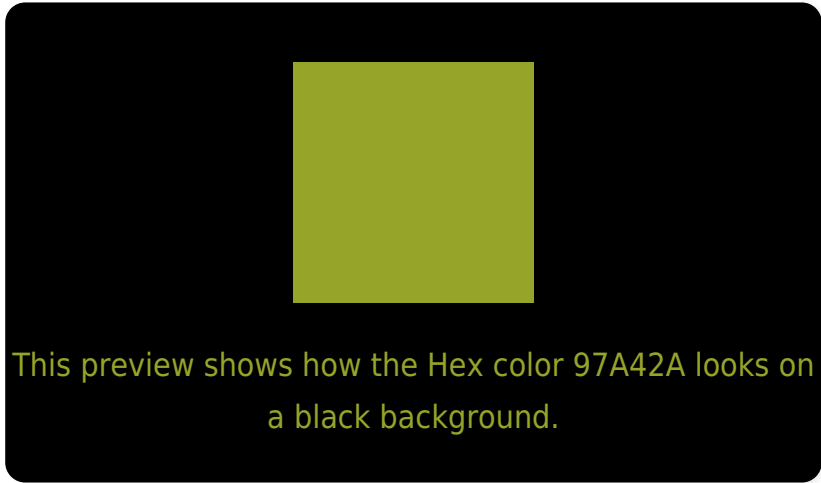
Large Text (above 18pt) WCAG AA × Fail

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

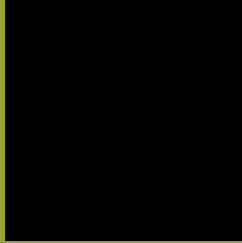
Any Text WCAG AA ✓ Pass

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 97A42A Background



This preview shows how black text looks on a background with the Hex color 97A42A.



This preview shows how white text looks on a background with the Hex color 97A42A.

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
97A42A

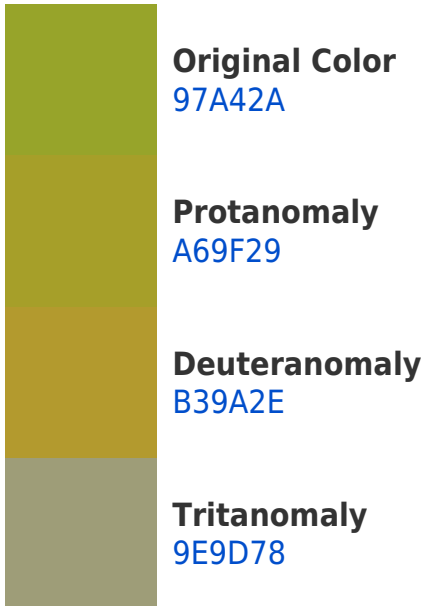
Protanopia
AF9C28

Deuteranopia
C39431



Tritanopia
A299A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97A42A 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 #97A42A looks like.

```
.text, #text, p{  
    color:#97A42A  
}
```

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 #97A42A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A42A
}
```

Border

The CSS property to change the border of an element to Hex 97A42A 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
#97A42A }
```

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

```
.border{ border-color:#97A42A }
```

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

Here you see how a box with a 4 pixel #97A42A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A42A; -webkit-box-shadow:4px 4px  
4px 4px #97A42A; box-shadow:4px 4px 4px  
4px #97A42A }
```

Background

The CSS property to change the background color of an element to Hex 97A42A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A42A }
```

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

```
.background{ background-color:#97A42A }
```

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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