

Converting Colors

Hex(977A02)

Have a look what the booklet for
Hex(977A02) contains.

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Color

Hex(977A02)

Conversions

Conversions Part 1

Format	Color
Hex	977A02
RGB	151, 122, 2
RGB Percent	59%, 48%, 1%
CMY	0.4078, 0.5216, 0.9922
CMYK	0.00, 0.19, 0.99, 0.41
HSL	48°, 97%, 30%
HSV	48°, 99%, 59%
XYZ	19.7330, 20.5028, 2.9748
YIQ	116.9910, 55.8040, -31.1720

Conversions

Conversions Part 2

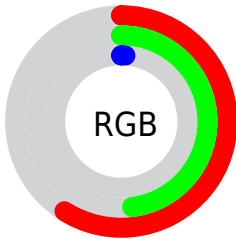
Format	Color
R_{YB}	38, 151, 2
Decimal	9927170
CIE _{Lab}	52.40, 1.23, 57.70
CIE _{LCh}	52, 57.709, 88.775
Yxy	20.5028, 0.4567, 0.4745
Android (android.graphics.Color)	4288117250 (0xFF977A02)
YUV	116.9910, -56.6906, 29.8259
Hunter-Lab	45.2800, -1.4497, 27.8007

Details

The Hex color **977A02** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **021F97**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D1AE43**, and **604A00** is the 20% darker color. If you saturate the color by 10%, you get **977A00**, and if you desaturate by 10%, it is **977D11**.

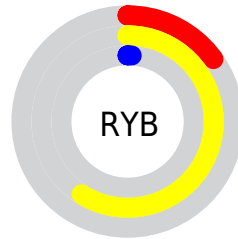
Distribution



Red (59%)

Green (48%)

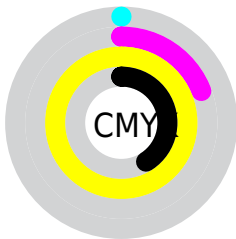
Blue (1%)



Red (15%)

Yellow (59%)

Blue (1%)

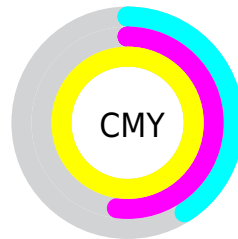


Cyan (0%)

Magenta (19%)

Yellow (99%)

Black (41%)



Cyan (41%)

Magenta (52%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 977A02 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 977A02 by changing the saturation by 10% instead.



977A02



977A02

FFFFFF



7B6100



D1AE43



604A00



EFC95D



443400



FFE578



2B1F00



FFFF93



100700



FFFFAF



000000



FFFFCB



FFFFE8



977A02



977A02

■ 977A00

■ 977D11

■ 978020

■ 97832F

■ 97863E

■ 97894D

■ 978C5D

■ 978F6C

■ 97927B

■ 97948A

Harmonies

Analogous

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



BD6626



977A02



66881A

Triad

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



977A02



0094AB



B65AB1

Complementary

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



977A02



021F97

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.



7871D4



977A02



008FD1

Square

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



977A02



009479



0083E0



D34C81

Rectangle

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



977A02



3A8E37



0083E0



A662BF

Sweetspot

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



977A02



C4B989



970220



635C40



E3E3E3



636363

Same Dimension

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



977A02



C49E00



6A9702



4D4B45



8C7100



0D0A00

Inverse Universe

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



021F97



0026C4



2F0297



45464D



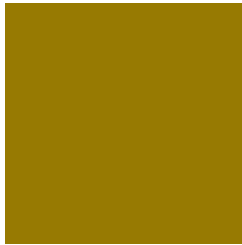
001B8C



00020D

Previews

White Background



This preview shows how the Hex color 977A02 looks on a white background.

Color Contrast Check

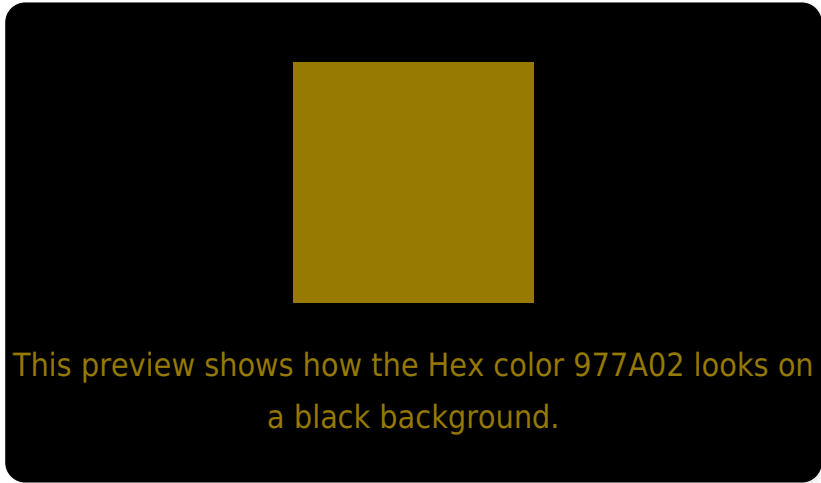
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 977A02 Background



This preview shows how black text looks on a background with the Hex color 977A02.

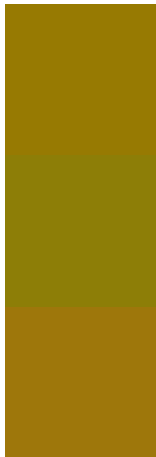


This preview shows how white text looks on a background with the Hex color 977A02.

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
977A02

Protanopia
8D7E07

Deuteranopia
9E770B



Tritanopia
9D717A

Trichromacy



Original Color
977A02

Protanomaly
917D05

Deuteranomaly
9B7808

Tritanomaly
9B744E

Monochromacy



Original Color
977A02

Achromatopsia
757575

Achromatomaly
81774B

CSS Examples

Text

The CSS property to change the color of the text to Hex 977A02 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 #977A02 looks like.

```
.text, #text, p{  
    color:#977A02  
}
```

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 #977A02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #977A02
}
```

Border

The CSS property to change the border of an element to Hex 977A02 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
#977A02 }
```

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

```
.border{ border-color:#977A02 }
```

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

Here you see how a box with a 4 pixel #977A02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #977A02; -webkit-box-shadow:4px 4px  
4px 4px #977A02; box-shadow:4px 4px 4px  
4px #977A02 }
```

Background

The CSS property to change the background color of an element to Hex 977A02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#977A02 }
```

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

```
.background{ background-color:#977A02 }
```

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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