

Converting Colors

Hex(972A01)

Have a look what the booklet for
Hex(972A01) contains.

Hex(972A01)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(972A01)

Conversions

Conversions Part 1

Format	Color
Hex	972A01
RGB	151, 42, 1
RGB Percent	59%, 16%, 0%
CMY	0.4078, 0.8353, 0.9961
CMYK	0.00, 0.72, 0.99, 0.41
HSL	16°, 99%, 30%
HSV	16°, 99%, 59%
XYZ	13.5959, 8.2374, 0.9021
YIQ	69.9170, 78.1250, 10.3570

Conversions

Conversions Part 2

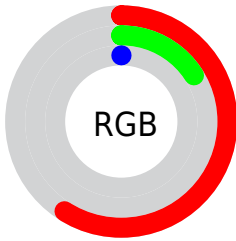
Format	Color
R_{YB}	151, 57, 1
Decimal	9906689
CIE Lab	34.47, 43.94, 46.53
CIE LCh	34, 63.999, 46.642
Yxy	8.2374, 0.5980, 0.3623
Android (android.graphics.Color)	4288096769 (0xFF972A01)
YUV	69.9170, -33.9761, 71.1098
Hunter-Lab	28.7009, 34.3308, 18.2271

Details

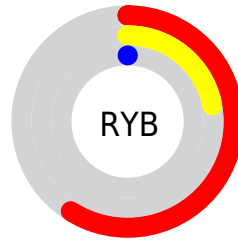
The Hex color **972A01** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **016E97**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D55F33**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **972900**, and if you desaturate by 10%, it is **973510**.

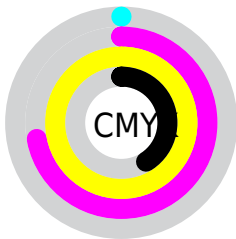
Distribution



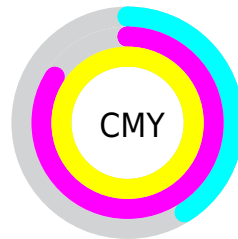
- Red (59%)
- Green (16%)
- Blue (0%)



- Red (59%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (99%)
- Black (41%)



- Cyan (41%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 972A01 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 972A01 by changing the saturation by 10% instead.

 972A01

 972A01

 FFFFEB

 790A00

 D55F33

 5B0000

 F4794B

 3F0000

 FF9464

 220001

 FFAF7D

 000000

 FFCB98

 FFE8B3

 FFFFCE

 972A01

 972A01

■ 972900

■ 973510

■ 97401F

■ 974B2E

■ 97563D

■ 97614D

■ 976C5C

■ 97776B

■ 97827A

■ 978D89

Harmonies

Analogous

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



A70038



972A01



764600

Triad

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



972A01



006538



004EB4

Complementary

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



972A01



016E97

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.



005EB6



972A01



00666D

Square

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



972A01



006000



00659B



743298

Rectangle

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



972A01



5A5300



00659B



0055B8

Sweetspot

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



972A01



C49A89



97016F



634940



E3E3E3



636363

Same Dimension

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



972A01



C43600



977401



4D4745



8C2600



0D0300

Inverse Universe

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



016E97



008FC4



012497



454A4D



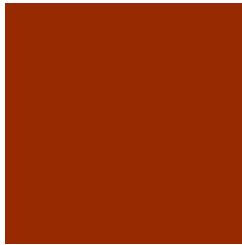
00668C



00090D

Previews

White Background



This preview shows how the Hex color 972A01 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

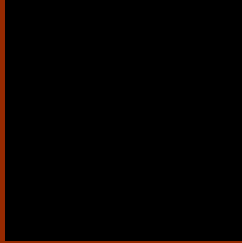
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 972A01 Background



This preview shows how black text looks on a background with the Hex color 972A01.



This preview shows how white text looks on a background with the Hex color 972A01.

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

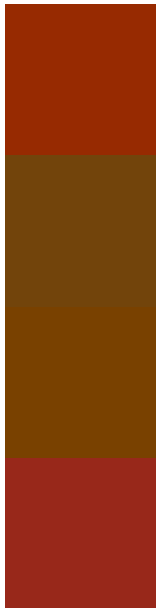


Original Color
972A01

Protanopia
5D5311

Deuteranopia
684E00

Trichromacy



Original Color
972A01

Protanomaly
72440B

Deuteranomaly
794100

Tritanomaly
98281A

Monochromacy



Original Color
972A01

Achromatopsia
464646

Achromatomaly
633C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 972A01 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 #972A01 looks like.

```
.text, #text, p{  
    color:#972A01  
}
```

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 #972A01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #972A01
}
```

Border

The CSS property to change the border of an element to Hex 972A01 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
#972A01 }
```

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

```
.border{ border-color:#972A01 }
```

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

Here you see how a box with a 4 pixel #972A01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #972A01; -webkit-box-shadow:4px 4px  
4px 4px #972A01; box-shadow:4px 4px 4px  
4px #972A01 }
```

Background

The CSS property to change the background color of an element to Hex 972A01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#972A01 }
```

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

```
.background{ background-color:#972A01 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor