

Converting Colors

Hex(9C6702)

Have a look what the booklet for
Hex(9C6702) contains.

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Color

Hex(9C6702)

Conversions

Conversions Part 1

Format	Color
Hex	9C6702
RGB	156, 103, 2
RGB Percent	61%, 40%, 1%
CMY	0.3882, 0.5961, 0.9922
CMYK	0.00, 0.34, 0.99, 0.39
HSL	39°, 97%, 31%
HSV	39°, 99%, 61%
XYZ	18.5715, 16.7728, 2.3161
YIQ	107.3330, 64.0090, -20.1750

Conversions

Conversions Part 2

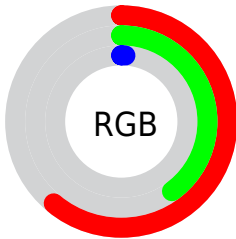
Format	Color
R_{YB}	83, 156, 2
Decimal	10249986
CIE _{Lab}	47.97, 14.40, 54.88
CIE _{LCh}	48, 56.739, 75.302
Yxy	16.7728, 0.4931, 0.4454
Android (android.graphics.Color)	4288440066 (0xFF9C6702)
YUV	107.3330, -51.9292, 42.6810
Hunter-Lab	40.9546, 9.2731, 25.3152

Details

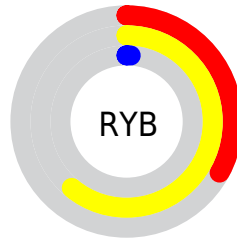
The Hex color **9C6702** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **02379C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D79A3F**, and **633800** is the 20% darker color. If you saturate the color by 10%, you get **9C6600**, and if you desaturate by 10%, it is **9C6C12**.

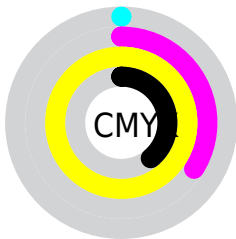
Distribution



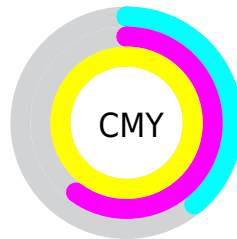
- Red (61%)
- Green (40%)
- Blue (1%)



- Red (33%)
- Yellow (61%)
- Blue (1%)



- Cyan (0%)
- Magenta (34%)
- Yellow (99%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C6702 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 9C6702 by changing the saturation by 10% instead.



9C6702



9C6702

FFFFFF



7F4F00



D79A3F



633800



F6B559



472300



FFD073



2D0E00



FFEC8E



0E0000



FFFFA9



000000



FFFFC5



FFFFE2



9C6702



9C6702

■ 9C6600

■ 9C6C12

■ 9C7221

■ 9C7731

■ 9C7C40

■ 9C8250

■ 9C8760

■ 9C8D6F

■ 9C927F

■ 9C978E

Harmonies

Analogous

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



BA522F



9C6702



727700

Triad

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



9C6702



00888A



935AB6

Complementary

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



9C6702



02379C

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.



3A6FCF



9C6702



0086B5

Square

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



9C6702



008658



007ECF



BC458B

Rectangle

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



9C6702



4F7F19



007ECF



7D61C1

Sweetspot

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



9C6702



CCB78F



9C0238



665941



E6E6E6



666666

Same Dimension

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



9C6702



CC8600



859C02



4F4C47



8F5E00



0F0A00

Inverse Universe

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



02379C



0046CC



19029C



474A4F



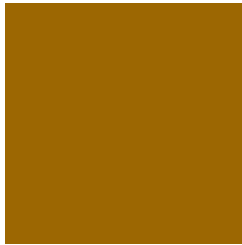
00318F



00050F

Previews

White Background



This preview shows how the Hex color 9C6702 looks on a white background.

Color Contrast Check

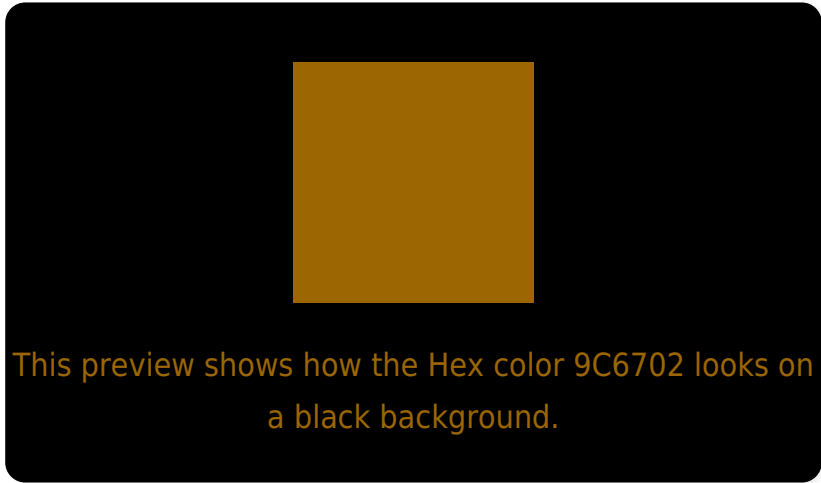
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 9C6702 Background



This preview shows how black text looks on a background with the Hex color 9C6702.



This preview shows how white text looks on a background with the Hex color 9C6702.

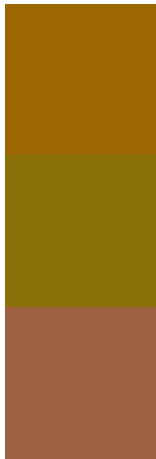
Color Blindness Simulation

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
9C6702

Protanomaly
8B6F08

Tritanomaly
9F6342

Monochromacy



Original Color
9C6702

Achromatopsia
6B6B6B

Achromatomaly
7D6A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C6702 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 #9C6702 looks like.

```
.text, #text, p{  
    color:#9C6702  
}
```

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 #9C6702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6702
}
```

Border

The CSS property to change the border of an element to Hex 9C6702 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
#9C6702 }
```

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

```
.border{ border-color:#9C6702 }
```

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

Here you see how a box with a 4 pixel #9C6702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6702; -webkit-box-shadow:4px 4px  
4px 4px #9C6702; box-shadow:4px 4px 4px  
4px #9C6702 }
```

Background

The CSS property to change the background color of an element to Hex 9C6702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6702 }
```

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

```
.background{ background-color:#9C6702 }
```

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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