

Converting Colors

Hex(9E6912)

Have a look what the booklet for
Hex(9E6912) contains.

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Color

Hex(9E6912)

Conversions

Conversions Part 1

Format	Color
Hex	9E6912
RGB	158, 105, 18
RGB Percent	62%, 41%, 7%
CMY	0.3804, 0.5882, 0.9294
CMYK	0.00, 0.34, 0.89, 0.38
HSL	37°, 80%, 35%
HSV	37°, 89%, 62%
XYZ	19.2613, 17.4159, 2.9187
YIQ	110.9290, 59.5150, -15.8210

Conversions

Conversions Part 2

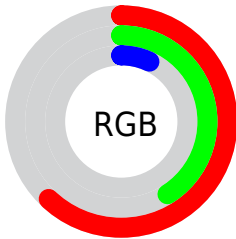
Format	Color
R_{YB}	103, 158, 18
Decimal	10381586
CIE Lab	48.78, 14.46, 51.83
CIE LCh	49, 53.814, 74.408
Yxy	17.4159, 0.4864, 0.4398
Android (android.graphics.Color)	4288571666 (0xFF9E6912)
YUV	110.9290, -45.8140, 41.2813
Hunter-Lab	41.7324, 9.3538, 25.0660

Details

The Hex color **9E6912** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12479E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **D99C48**, and **663A00** is the 20% darker color. If you saturate the color by 10%, you get **9E6302**, and if you desaturate by 10%, it is **9E6F22**.

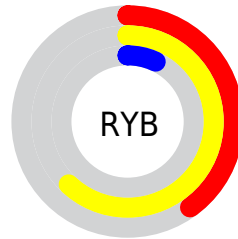
Distribution



Red (62%)

Green (41%)

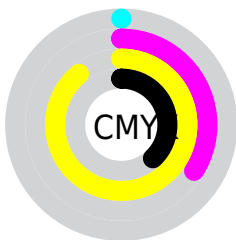
Blue (7%)



Red (40%)

Yellow (62%)

Blue (7%)

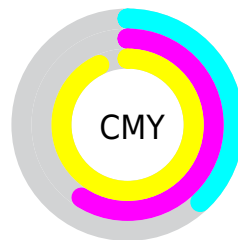


Cyan (0%)

Magenta (34%)

Yellow (89%)

Black (38%)



Cyan (38%)

Magenta (59%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E6912 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 9E6912 by changing the saturation by 10% instead.



9E6912



9E6912

FFFFFF



815100



D99C48



663A00



F7B761



4A2400



FFD37C



2F1000



FFE996



150000



FFFFB2



000000



FFF9CE



FFF9EA



9E6912



9E6912

■ 9E6302

■ 9E6F22

■ 9E6200

■ 9E7532

■ 9E7B41

■ 9E8151

■ 9E8761

■ 9E8D71

■ 9E9381

■ 9E9990

■ 9E9FA0

Harmonies

Analogous

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



BB5636



9E6912



767809

Triad

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



9E6912



008989



925EB5

Complementary

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



9E6912



12479E

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.



4072CD



9E6912



0087B3

Square

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



9E6912



00885A



0080CC



BA4B8E

Rectangle

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



9E6912



558021



0080CC



7D65C0

Sweetspot

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



9E6912



CFB997



9E1248



695C47



E8E8E8



696969

Same Dimension

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



9E6912



CF8000



8E9E12



4F4C47



8F5900



0F0A00

Inverse Universe

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



12479E



004ECF



22129E



474A4F



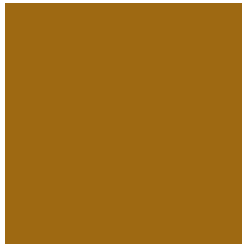
00368F



00060F

Previews

White Background



This preview shows how the Hex color 9E6912 looks on a white background.

Color Contrast Check

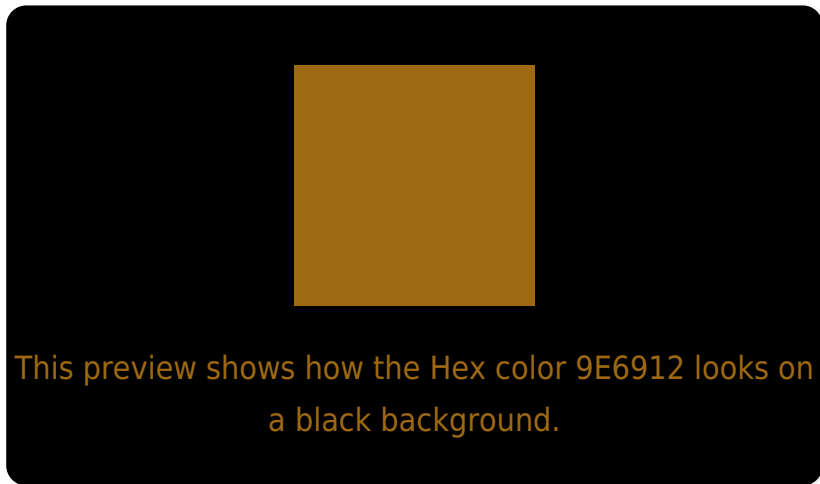
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E6912 Background



This preview shows how black text looks on a background with the Hex color 9E6912.



This preview shows how white text looks on a background with the Hex color 9E6912.

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
9E6912

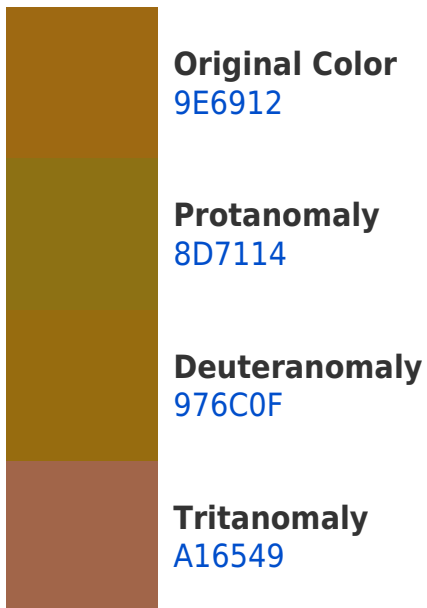
Protanopia
837515

Deuteranopia
936E0D

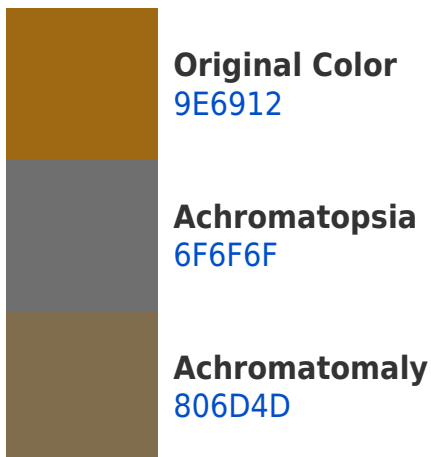


Tritanopia
A26269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E6912 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 #9E6912 looks like.

```
.text, #text, p{  
    color:#9E6912  
}
```

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 #9E6912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E6912
}
```

Border

The CSS property to change the border of an element to Hex 9E6912 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
#9E6912 }
```

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

```
.border{ border-color:#9E6912 }
```

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

Here you see how a box with a 4 pixel #9E6912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E6912; -webkit-box-shadow:4px 4px  
4px 4px #9E6912; box-shadow:4px 4px 4px  
4px #9E6912 }
```

Background

The CSS property to change the background color of an element to Hex 9E6912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E6912 }
```

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

```
.background{ background-color:#9E6912 }
```

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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