

Converting Colors

Hex(9B7612)

Have a look what the booklet for
Hex(9B7612) contains.

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Color

Hex(9B7612)

Conversions

Conversions Part 1

Format	Color
Hex	9B7612
RGB	155, 118, 18
RGB Percent	61%, 46%, 7%
CMY	0.3922, 0.5373, 0.9294
CMYK	0.00, 0.24, 0.88, 0.39
HSL	44°, 79%, 34%
HSV	44°, 88%, 61%
XYZ	20.1052, 19.9691, 3.3670
YIQ	117.6630, 54.1520, -23.2560

Conversions

Conversions Part 2

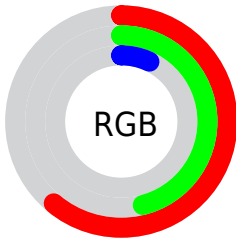
Format	Color
R_{YB}	69, 155, 18
Decimal	10188306
CIE _{Lab}	51.80, 5.66, 54.12
CIE _{LCh}	52, 54.420, 84.025
Yxy	19.9691, 0.4628, 0.4597
Android (android.graphics.Color)	4288378386 (0xFF9B7612)
YUV	117.6630, -49.1339, 32.7445
Hunter-Lab	44.6868, 2.1076, 26.8134

Details

The Hex color **9B7612** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12379B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D5AA4A**, and **634600** is the 20% darker color. If you saturate the color by 10%, you get **9B7202**, and if you desaturate by 10%, it is **9B7A21**.

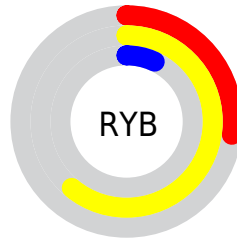
Distribution



Red (61%)

Green (46%)

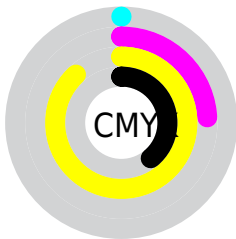
Blue (7%)



Red (27%)

Yellow (61%)

Blue (7%)

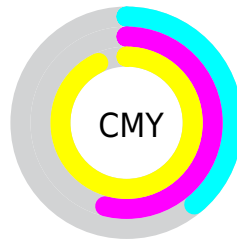


Cyan (0%)

Magenta (24%)

Yellow (88%)

Black (39%)



Cyan (39%)

Magenta (54%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B7612 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 9B7612 by changing the saturation by 10% instead.



9B7612



9B7612

FFFFFF



7F5E00



D5AA4A



634600



F3C564



483000



FFE17E



2E1B00



FFFD99



150200



FFFFB5



000000



FFFFD1



FFFFEE



9B7612



9B7612

■ 9B7202

■ 9B7A21

■ 9B7100

■ 9B7E31

■ 9B8341

■ 9B8750

■ 9B8B5F

■ 9B8F6F

■ 9B937E

■ 9B978E

■ 9B9C9D

Harmonies

Analogous

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



BD6330



9B7612



6F841B

Triad

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



9B7612



0091A0



AB5EB3

Complementary

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



9B7612



12379B

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.



6A73D1



9B7612



008DC6

Square

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



9B7612



009170



0084D8



CA4F87

Rectangle

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



9B7612



498A34



0084D8



9A65BF

Sweetspot

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



9B7612



C9BB93



9B1239



665D45



E6E6E6



666666

Same Dimension

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



9B7612



C99300



7D9B12



4D4A45



8C6600



0D0900

Inverse Universe

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



12379B



0036C9



30129B



45474D



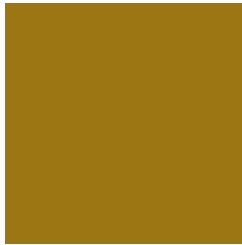
00268C



00030D

Previews

White Background



This preview shows how the Hex color 9B7612 looks on a white background.

Color Contrast Check

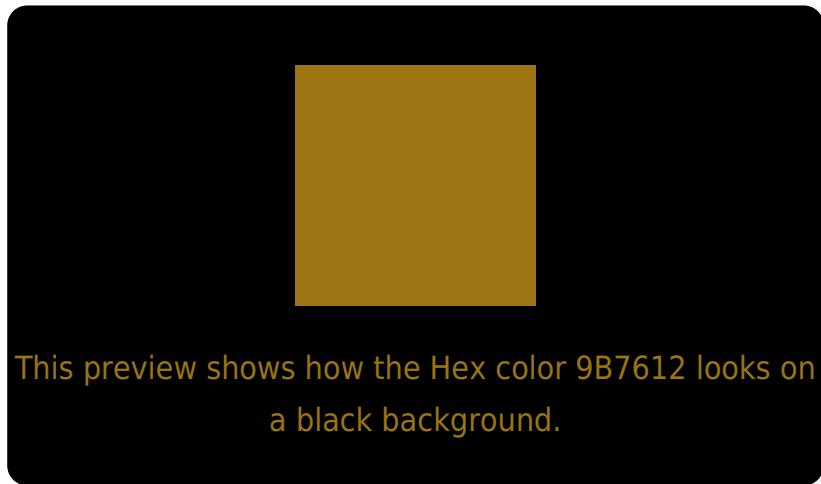
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B7612 Background



This preview shows how black text looks on a background with the Hex color 9B7612.



This preview shows how white text looks on a background with the Hex color 9B7612.

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
9B7612

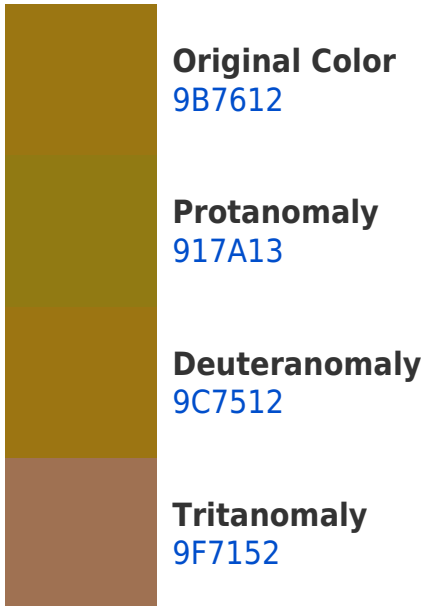
Protanopia
8C7C14

Deuteranopia
9C7512

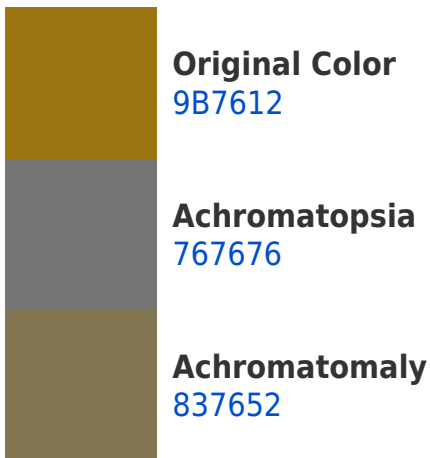


Tritanopia
A16E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B7612 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 #9B7612 looks like.

```
.text, #text, p{  
    color:#9B7612  
}
```

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 #9B7612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7612
}
```

Border

The CSS property to change the border of an element to Hex 9B7612 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
#9B7612 }
```

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

```
.border{ border-color:#9B7612 }
```

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

Here you see how a box with a 4 pixel #9B7612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7612; -webkit-box-shadow:4px 4px  
4px 4px #9B7612; box-shadow:4px 4px 4px  
4px #9B7612 }
```

Background

The CSS property to change the background color of an element to Hex 9B7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7612 }
```

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

```
.background{ background-color:#9B7612 }
```

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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