

Converting Colors

Hex(9B730A)

Have a look what the booklet for
Hex(9B730A) contains.

Hex(9B730A)	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(9B730A)

Conversions

Conversions Part 1

Format	Color
Hex	9B730A
RGB	155, 115, 10
RGB Percent	61%, 45%, 4%
CMY	0.3922, 0.5490, 0.9608
CMYK	0.00, 0.26, 0.94, 0.39
HSL	43°, 88%, 32%
HSV	43°, 94%, 61%
XYZ	19.7031, 19.2519, 2.9647
YIQ	114.9900, 57.5450, -24.1750

Conversions

Conversions Part 2

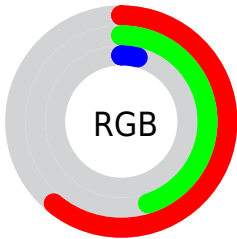
Format	Color
RYB	65, 155, 10
Decimal	10187530
CIELab	50.98, 7.21, 55.32
CIElCh	51, 55.783, 82.577
Yxy	19.2519, 0.4700, 0.4593
Android (android.graphics.Color)	4288377610 (0xFF9B730A)
YUV	114.9900, -51.7601, 35.0888
Hunter-Lab	43.8770, 3.3710, 26.7078

Details

The Hex color **9B730A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A329B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D6A745**, and **634300** is the 20% darker color. If you saturate the color by 10%, you get **9B7000**, and if you desaturate by 10%, it is **9B7719**.

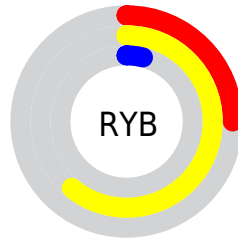
Distribution



Red (61%)

Green (45%)

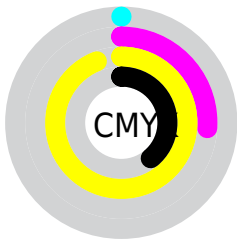
Blue (4%)



Red (25%)

Yellow (61%)

Blue (4%)

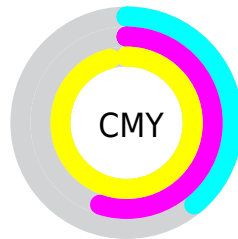


Cyan (0%)

Magenta (26%)

Yellow (94%)

Black (39%)



Cyan (39%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B730A 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 9B730A by changing the saturation by 10% instead.

 9B730A

 9B730A

FFFFFF

 7F5B00

 D6A745

 634300

 F4C25F

 482D00

 FFDE7A

 2E1900

 FFFA95

 150000

 FFFFB0

 000000

 FFFFCC

 FFFFEE9

 9B730A

 9B730A

■ 9B7000

■ 9B7719

■ 9B7C29

■ 9B8038

■ 9B8448

■ 9B8857

■ 9B8D67

■ 9B9176

■ 9B9586

■ 9B9995

Harmonies

Analogous

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



BD602E



9B730A



6E8213

Triad

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



9B730A



00909D



A75CB4

Complementary

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



9B730A



0A329B

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.



6272D2



9B730A



008CC4

Square

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



9B730A



008F6C



0082D8



C94C87

Rectangle

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



9B730A



48882D



0082D8



9564C0

Sweetspot

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



9B730A



C9BA91



9B0A33



665C43



E6E6E6



666666

Same Dimension

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



9B730A



C99200



7C9B0A



4D4A45



8C6600



0D0900

Inverse Universe

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



0A329B



0038C9



290A9B



45474D



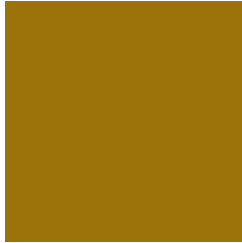
00278C



00040D

Previews

White Background



This preview shows how the Hex color 9B730A looks on a white background.

Color Contrast Check

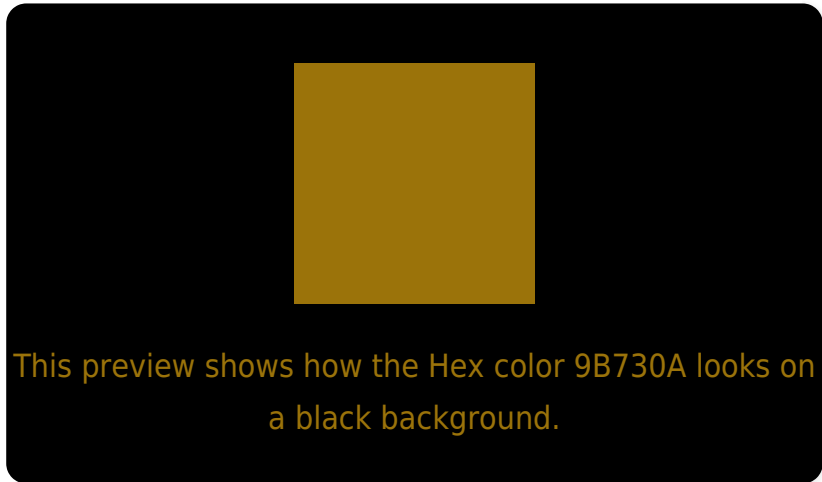
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B730A Background



This preview shows how black text looks on a background with the Hex color 9B730A.



This preview shows how white text looks on a background with the Hex color 9B730A.

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
9B730A

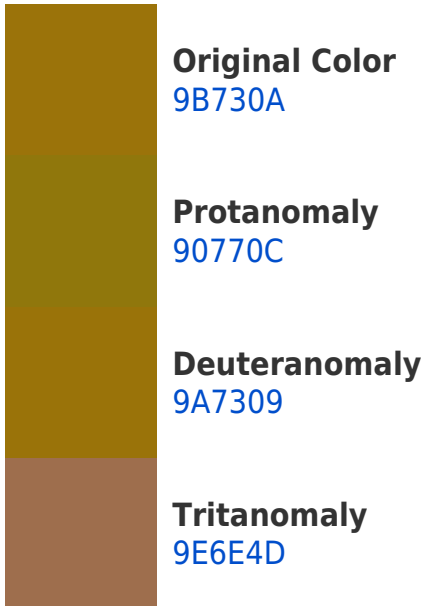
Protanopia
897A0D

Deuteranopia
9A7309

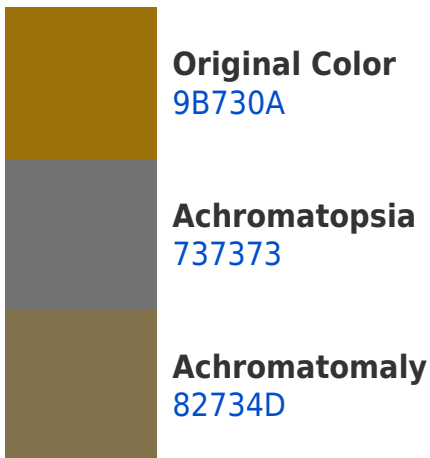


Tritanopia
A06B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B730A 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 #9B730A looks like.

```
.text, #text, p{  
    color:#9B730A  
}
```

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 #9B730A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B730A
}
```

Border

The CSS property to change the border of an element to Hex 9B730A 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
#9B730A }
```

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

```
.border{ border-color:#9B730A }
```

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

Here you see how a box with a 4 pixel #9B730A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B730A; -webkit-box-shadow:4px 4px  
4px 4px #9B730A; box-shadow:4px 4px 4px  
4px #9B730A }
```

Background

The CSS property to change the background color of an element to Hex 9B730A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B730A }
```

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

```
.background{ background-color:#9B730A }
```

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