

Converting Colors

Hex(9A680A)

Have a look what the booklet for
Hex(9A680A) contains.

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Color

Hex(9A680A)

Conversions

Conversions Part 1

Format	Color
Hex	9A680A
RGB	154, 104, 10
RGB Percent	60%, 41%, 4%
CMY	0.3961, 0.5922, 0.9608
CMYK	0.00, 0.32, 0.94, 0.40
HSL	39°, 88%, 32%
HSV	39°, 94%, 60%
XYZ	18.3315, 16.7926, 2.5623
YIQ	108.2340, 59.9740, -18.6340

Conversions

Conversions Part 2

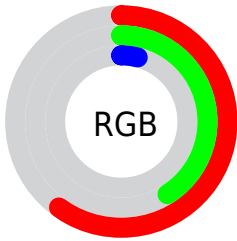
Format	Color
R_{YB}	87, 154, 10
Decimal	10119178
CIE Lab	48.00, 13.03, 53.03
CIE LCh	48, 54.606, 76.193
Yxy	16.7926, 0.4864, 0.4456
Android (android.graphics.Color)	4288309258 (0xFF9A680A)
YUV	108.2340, -48.4294, 40.1368
Hunter-Lab	40.9787, 8.1378, 24.9779

Details

The Hex color **9A680A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0A3C9A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D59B43**, and **623900** is the 20% darker color. If you saturate the color by 10%, you get **9A6500**, and if you desaturate by 10%, it is **9A6D19**.

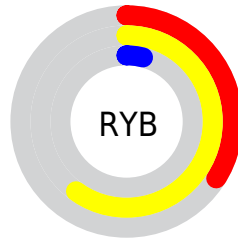
Distribution



Red (60%)

Green (41%)

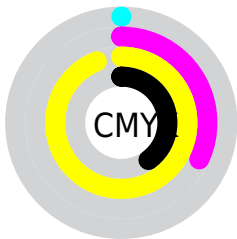
Blue (4%)



Red (34%)

Yellow (60%)

Blue (4%)

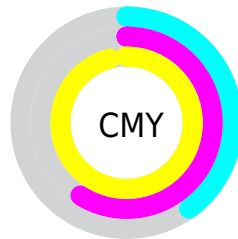


Cyan (0%)

Magenta (32%)

Yellow (94%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A680A 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 9A680A by changing the saturation by 10% instead.

 9A680A

 9A680A

FFFFFF

 7D5000

 D59B43

 623900

 F3B65D

 462400

 FFD177

 2C0F00

 FFEE92

 0B0000

 FFFFAD

 000000

 FFFFC9

 FFFFEE6

 9A680A

 9A680A

■ 9A6500

■ 9A6D19

■ 9A7329

■ 9A7838

■ 9A7D48

■ 9A8357

■ 9A8866

■ 9A8D76

■ 9A9385

■ 9A9895

Harmonies

Analogous

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



B85431



9A680A



717704

Triad

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



9A680A



00878A



935AB2

Complementary

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



9A680A



0A3C9A

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.



436FCB



9A680A



0085B4

Square

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



9A680A



00865A



007DCC



BA4789

Rectangle

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



9A680A



4F7E1F



007DCC



7F61BD

Sweetspot

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



9A680A



C9B691



9A0A3C



665A43



E6E6E6



666666

Same Dimension

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



9A680A



C98400



849A0A



4D4A45



8C5C00



0D0800

Inverse Universe

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



0A3C9A



0046C9



200A9A



45484D



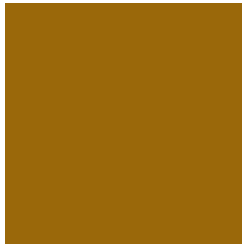
00318C



00040D

Previews

White Background



This preview shows how the Hex color 9A680A looks on a white background.

Color Contrast Check

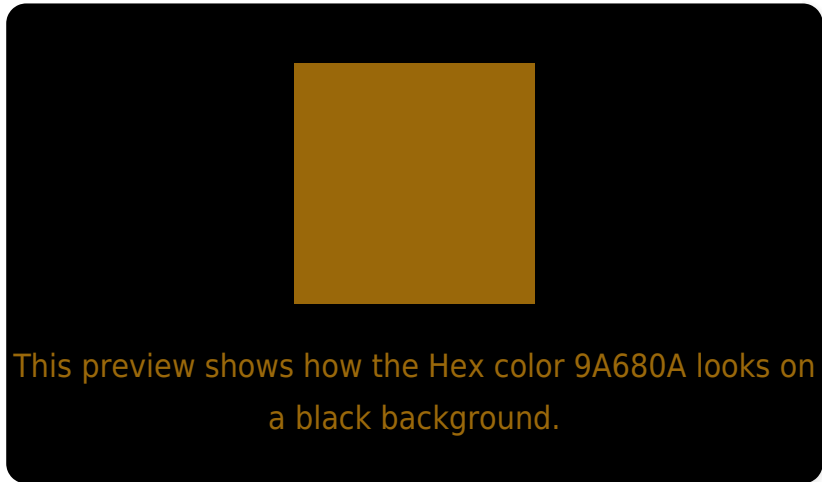
Large Text (above 18pt) WCAG AA ✓ Pass

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

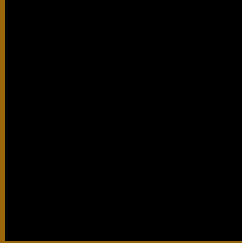
Any Text WCAG AA × Fail

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 9A680A Background



This preview shows how black text looks on a background with the Hex color 9A680A.



This preview shows how white text looks on a background with the Hex color 9A680A.

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
9A680A

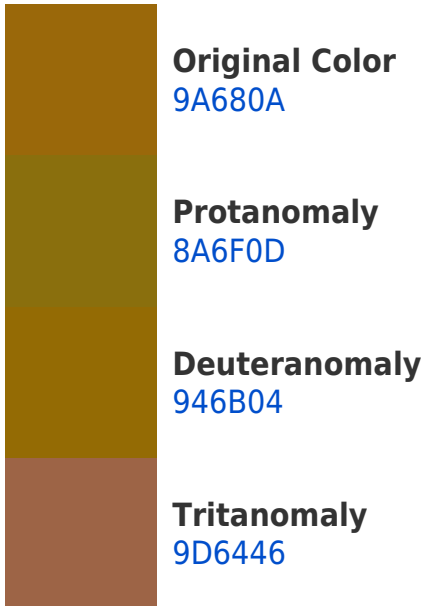
Protanopia
81730E

Deuteranopia
916C00

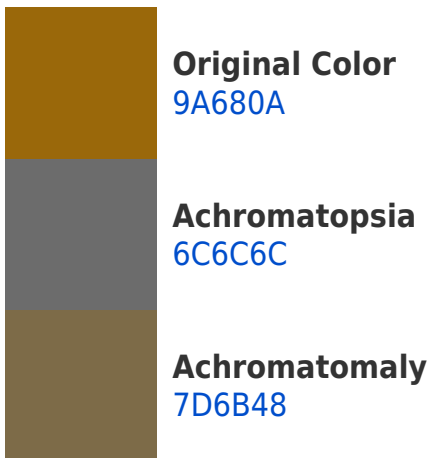


Tritanopia
9E6168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A680A 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 #9A680A looks like.

```
.text, #text, p{  
    color:#9A680A  
}
```

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 #9A680A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A680A
}
```

Border

The CSS property to change the border of an element to Hex 9A680A 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
#9A680A }
```

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

```
.border{ border-color:#9A680A }
```

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

Here you see how a box with a 4 pixel #9A680A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A680A; -webkit-box-shadow:4px 4px  
4px 4px #9A680A; box-shadow:4px 4px 4px  
4px #9A680A }
```

Background

The CSS property to change the background color of an element to Hex 9A680A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A680A }
```

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

```
.background{ background-color:#9A680A }
```

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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