

Converting Colors

Hex(A9830F)

Have a look what the booklet for
Hex(A9830F) contains.

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Color

Hex(A9830F)

Conversions

Conversions Part 1

Format	Color
Hex	A9830F
RGB	169, 131, 15
RGB Percent	66%, 51%, 6%
CMY	0.3373, 0.4863, 0.9412
CMYK	0.00, 0.22, 0.91, 0.34
HSL	45°, 84%, 36%
HSV	45°, 91%, 66%
XYZ	24.5647, 24.7021, 3.9252
YIQ	129.1380, 59.8840, -28.0200

Conversions

Conversions Part 2

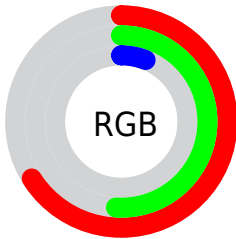
Format	Color
RYB	65, 169, 15
Decimal	11109135
CIELab	56.78, 4.76, 59.42
CIELCh	57, 59.611, 85.415
Yxy	24.7021, 0.4618, 0.4644
Android (android.graphics.Color)	4289299215 (0xFFA9830F)
YUV	129.1380, -56.2700, 34.9590
Hunter-Lab	49.7012, 1.2461, 30.1083

Details

The Hex color **A9830F** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **0F35A9**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E4B84B**, and **705200** is the 20% darker color. If you saturate the color by 10%, you get **A97F00**, and if you desaturate by 10%, it is **A98720**.

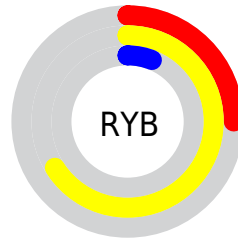
Distribution



Red (66%)

Green (51%)

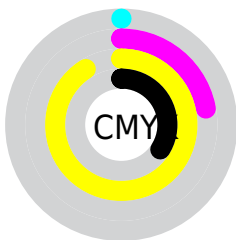
Blue (6%)



Red (25%)

Yellow (66%)

Blue (6%)

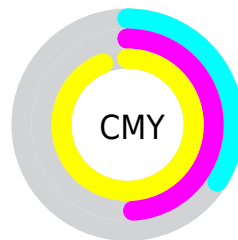


Cyan (0%)

Magenta (22%)

Yellow (91%)

Black (34%)



Cyan (34%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color A9830F 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 A9830F by changing the saturation by 10% instead.

 A9830F

 A9830F

FFFFFF

 8C6A00

 E4B84B

 705200

 FFD365

 543B00

 FFEF80

 3A2600

 FFFF9C

 211200

 FFFFB7

 000000

 FFFFD4

 FFFFF1

 A9830F

 A9830F

■ A97F00

■ A98720

■ A98B31

■ A99042

■ A99453

■ A99863

■ A99C74

■ A9A085

■ A9A496

■ A9A9A7

Harmonies

Analogous

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



CF6E32



A9830F



77921E

Triad

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



A9830F



00A0B3



BF67C4

Complementary

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



A9830F



0F35A9

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.



797EE7



A9830F



009CDD

Square

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



A9830F



00A07E



0091F0



E15692

Rectangle

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



A9830F



4C993A



0091F0



AD6ED2

Sweetspot

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



A9830F



DBCDA0



A90F35



6E654B



EDEDED



6E6E6E

Same Dimension

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



A9830F



DBA500



82A90F



54524C



946F00



140F00

Inverse Universe

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



0F35A9



0036DB



350FA9



4C4E54



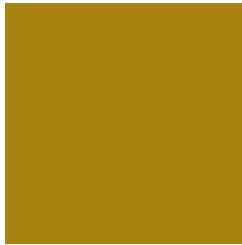
002494



000514

Previews

White Background



This preview shows how the Hex color A9830F looks on a white background.

Color Contrast Check

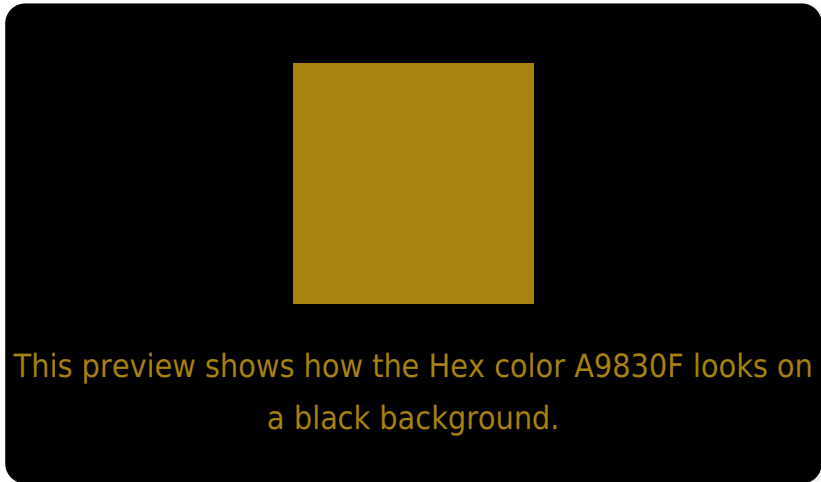
Large Text (above 18pt) WCAG AA ✓ Pass

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 A9830F Background



This preview shows how black text looks on a background with the Hex color A9830F.



This preview shows how white text looks on a background with the Hex color A9830F.

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
A9830F

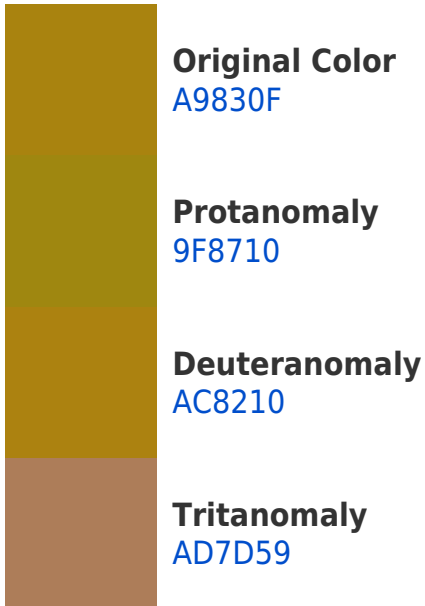
Protanopia
9A8911

Deuteranopia
AD8111

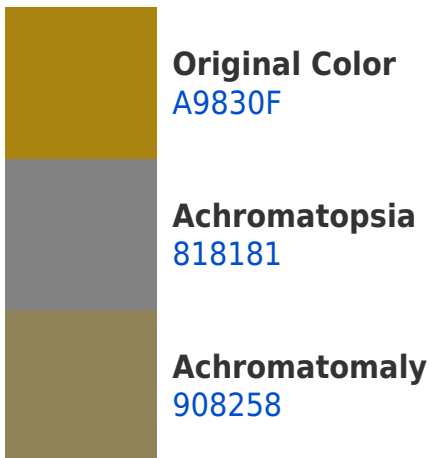


Tritanopia
AF7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A9830F 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 #A9830F looks like.

```
.text, #text, p{  
    color:#A9830F  
}
```

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 #A9830F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9830F
}
```

Border

The CSS property to change the border of an element to Hex A9830F 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
#A9830F }
```

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

```
.border{ border-color:#A9830F }
```

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

Here you see how a box with a 4 pixel #A9830F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9830F; -webkit-box-shadow:4px 4px  
4px 4px #A9830F; box-shadow:4px 4px 4px  
4px #A9830F }
```

Background

The CSS property to change the background color of an element to Hex A9830F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9830F }
```

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

```
.background{ background-color:#A9830F }
```

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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