

Converting Colors

Hex(946A0F)

Have a look what the booklet for
Hex(946A0F) contains.

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Color

Hex(946A0F)

Conversions

Conversions Part 1

Format	Color
Hex	946A0F
RGB	148, 106, 15
RGB Percent	58%, 42%, 6%
CMY	0.4196, 0.5843, 0.9412
CMYK	0.00, 0.28, 0.90, 0.42
HSL	41°, 82%, 32%
HSV	41°, 90%, 58%
XYZ	17.4530, 16.6385, 2.7436
YIQ	108.1840, 54.2430, -19.3970

Conversions

Conversions Part 2

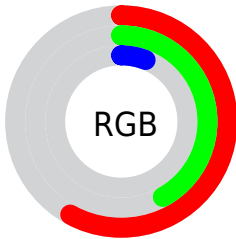
Format	Color
RYB	76, 148, 15
Decimal	9726479
CIELab	47.80, 9.19, 51.37
CIELCh	48, 52.183, 79.859
Yxy	16.6385, 0.4738, 0.4517
Android (android.graphics.Color)	4287916559 (0xFF946A0F)
YUV	108.1840, -45.9397, 34.9186
Hunter-Lab	40.7903, 4.9921, 24.5653

Details

The Hex color **946A0F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0F3994**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **CE9D46**, and **5D3B00** is the 20% darker color. If you saturate the color by 10%, you get **946500**, and if you desaturate by 10%, it is **946F1E**.

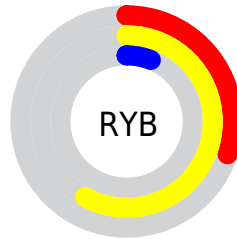
Distribution



Red (58%)

Green (42%)

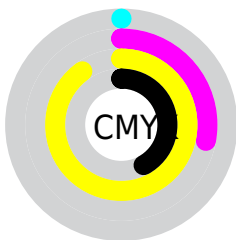
Blue (6%)



Red (30%)

Yellow (58%)

Blue (6%)

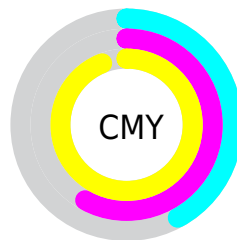


Cyan (0%)

Magenta (28%)

Yellow (90%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 946A0F 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 946A0F by changing the saturation by 10% instead.

 946A0F

 946A0F

FFFFFF

 785200

 CE9D46

 5D3B00

 ECB85F

 412600

 FFD37A

 281200

 FFF094

 000000

 FFFFB0

 FFFFCC

 FFFFEE8

 946A0F

 946A0F

■ 946500

■ 946F1E

■ 94732D

■ 94783B

■ 947D4A

■ 948159

■ 948668

■ 948B77

■ 948F85

■ 949494

Harmonies

Analogous

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



B2582F



946A0F



6C7811

Triad

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



946A0F



00868E



9859AB

Complementary

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



946A0F



0F3994

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.



546CC5



946A0F



0083B4

Square

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



946A0F



008560



007BC8



B94882

Rectangle

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



946A0F



4A7E28



007BC8



865FB5

Sweetspot

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



946A0F



BFAF8C



940F39



615742



E0E0E0



616161

Same Dimension

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



946A0F



BF8300



7C940F



4A4843



8A5E00



0A0700

Inverse Universe

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



0F3994



003CBF



270F94



43454A



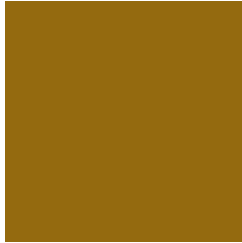
002B8A



00030A

Previews

White Background



This preview shows how the Hex color 946A0F looks on a white background.

Color Contrast Check

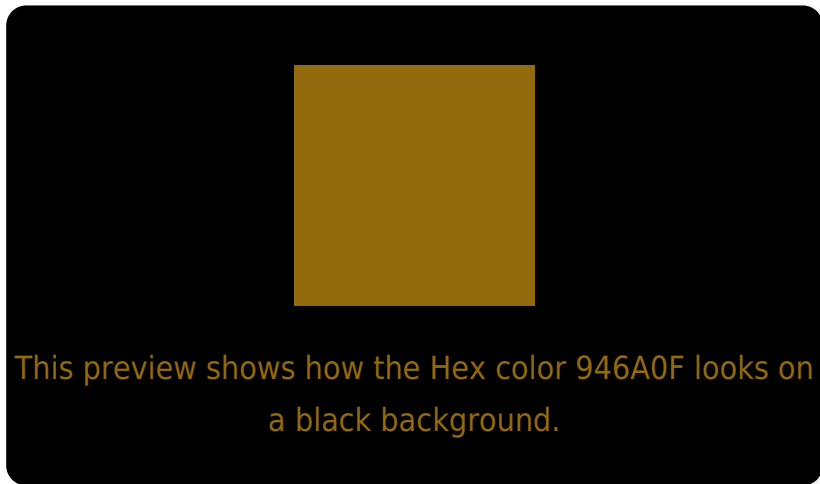
Large Text (above 18pt) WCAG AA ✓ Pass

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 946A0F Background



This preview shows how black text looks on a background with the Hex color 946A0F.



This preview shows how white text looks on a background with the Hex color 946A0F.

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
946A0F

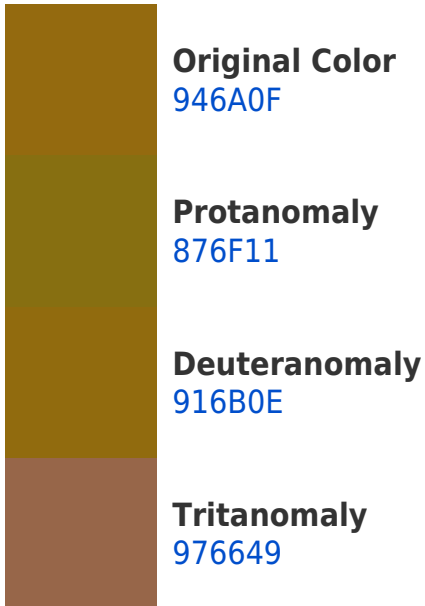
Protanopia
807212

Deuteranopia
906C0D

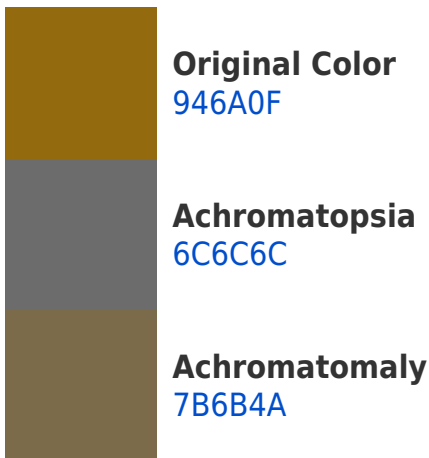


Tritanopia
99636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 946A0F 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 #946A0F looks like.

```
.text, #text, p{  
    color:#946A0F  
}
```

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 #946A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946A0F
}
```

Border

The CSS property to change the border of an element to Hex 946A0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

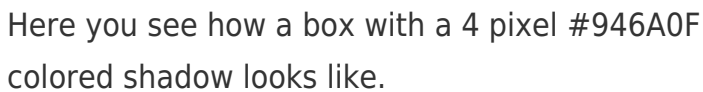
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#946A0F }
```

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

```
.border{ border-color:#946A0F }
```

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



Here you see how a box with a 4 pixel #946A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946A0F; -webkit-box-shadow:4px 4px  
4px 4px #946A0F; box-shadow:4px 4px 4px  
4px #946A0F }
```

Background

The CSS property to change the background color of an element to Hex 946A0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946A0F }
```

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

```
.background{ background-color:#946A0F }
```

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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