

# Converting Colors

Hex(9F6E10)

Have a look what the booklet for  
Hex(9F6E10) contains.

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# Color

**Hex(9F6E10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F6E10
RGB	159, 110, 16
RGB Percent	62%, 43%, 6%
CMY	0.3765, 0.5686, 0.9373
CMYK	0.00, 0.31, 0.90, 0.38
HSL	39°, 82%, 34%
HSV	39°, 90%, 62%
XYZ	19.9675, 18.5602, 3.0203
YIQ	113.9350, 59.3780, -18.8460

# Conversions

## Conversions Part 2

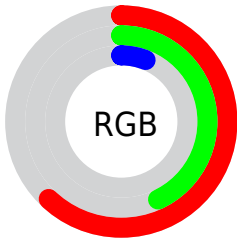
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 159, 16
Decimal	10448400
CIELab	50.17, 12.02, 53.54
CIELCh	50, 54.875, 77.342
Yxy	18.5602, 0.4806, 0.4467
Android (android.graphics.Color)	4288638480 (0xFF9F6E10)
YUV	113.9350, -48.2820, 39.5220
Hunter-Lab	43.0815, 7.3389, 26.0005

# Details

The Hex color **9F6E10** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10419F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **DAA147**, and **673F00** is the 20% darker color. If you saturate the color by 10%, you get **9F6900**, and if you desaturate by 10%, it is **9F7320**.

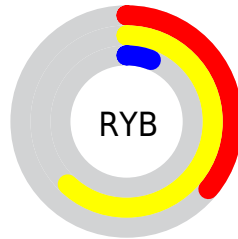
# Distribution



Red (62%)

Green (43%)

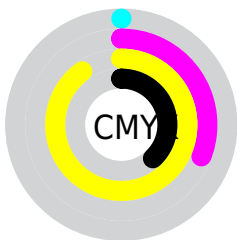
Blue (6%)



Red (36%)

Yellow (62%)

Blue (6%)

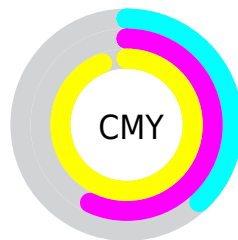


Cyan (0%)

Magenta (31%)

Yellow (90%)

Black (38%)



Cyan (38%)

Magenta (57%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6E10 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 9F6E10 by changing the saturation by 10% instead.





9F6E10



9F6E10

FFFFFF



825600



DAA147



673F00



F8BC61



4B2900



FFD87C



311400



FFF496



190000



FFFFB2



000000



FFFCE



FFFEB



9F6E10



9F6E10

■ 9F6900

■ 9F7320

■ 9F7930

■ 9F7E40

■ 9F8450

■ 9F8960

■ 9F8F6F

■ 9F947F

■ 9F9A8F

■ 9F9F9F

# Harmonies

## Analogous

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



BE5B34



9F6E10



757D0D

# Triad

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



9F6E10



008D92



9B5FB7

# Complementary

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



9F6E10



10419F

# 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.



4F73D1



9F6E10



008BBB

# Square

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



9F6E10



008C61



0082D3



C24C8D

# Rectangle

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



9F6E10



528426



0082D3



8866C2



# Sweetspot

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



9F6E10



CFBB97



9F1042



695D47



E8E8E8



696969



# Same Dimension

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



9F6E10



CF8800



8A9F10



4F4C47



8F5E00



0F0A00



# Inverse Universe

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



10419F



0047CF



25109F



474A4F



00318F

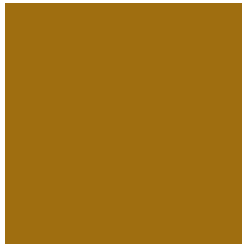


00050F



# Previews

## White Background



This preview shows how the Hex color 9F6E10 looks on a white background.

## Color Contrast Check

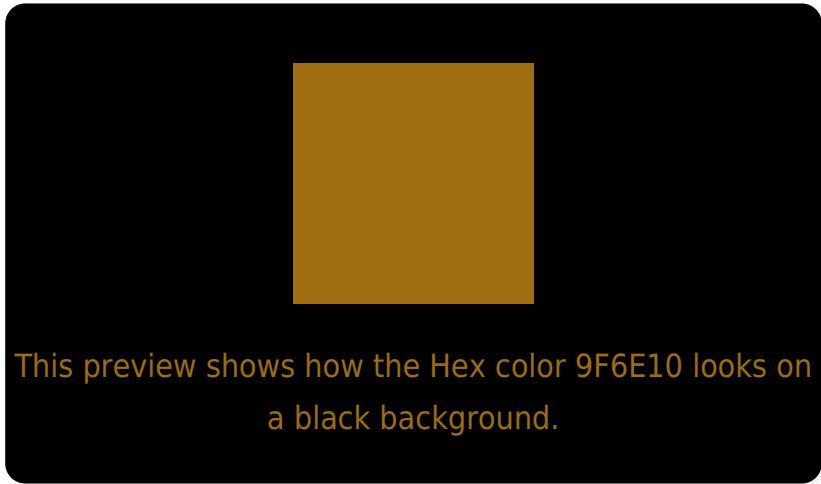
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F6E10 Background



This preview shows how black text looks on a background with the Hex color 9F6E10.



This preview shows how white text looks on a background with the Hex color 9F6E10.

# 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**  
9F6E10

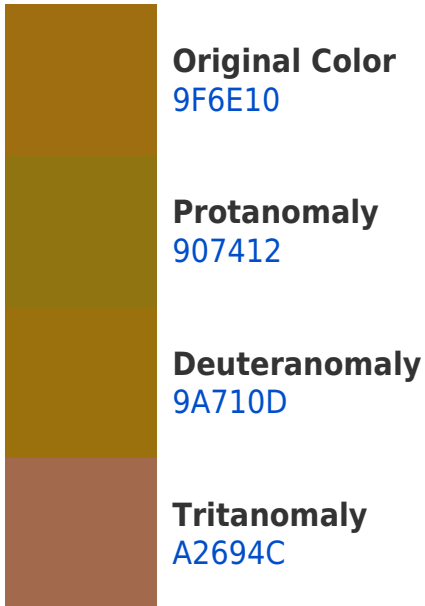
**Protanopia**  
877813

**Deuteranopia**  
97720C

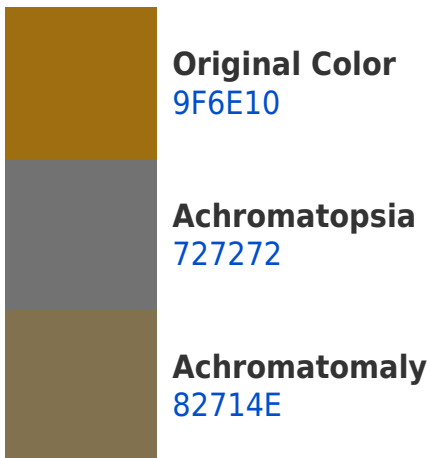


**Tritanopia**  
A4666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6E10 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 #9F6E10 looks like.

```
.text, #text, p{  
    color:#9F6E10  
}
```

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 #9F6E10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6E10
}
```

## Border

The CSS property to change the border of an element to Hex 9F6E10 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
#9F6E10 }
```

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

```
.border{ border-color:#9F6E10 }
```

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

Here you see how a box with a 4 pixel #9F6E10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6E10; -webkit-box-shadow:4px 4px  
4px 4px #9F6E10; box-shadow:4px 4px 4px  
4px #9F6E10 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6E10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6E10 }
```

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

```
.background{ background-color:#9F6E10 }
```

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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