

# Converting Colors

Hex(9F6910)

Have a look what the booklet for  
Hex(9F6910) contains.

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**Color**

**Hex(9F6910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F6910
RGB	159, 105, 16
RGB Percent	62%, 41%, 6%
CMY	0.3765, 0.5882, 0.9373
CMYK	0.00, 0.34, 0.90, 0.38
HSL	37°, 82%, 34%
HSV	37°, 90%, 62%
XYZ	19.4432, 17.5115, 2.8455
YIQ	111.0000, 60.7530, -16.2310

# Conversions

## Conversions Part 2

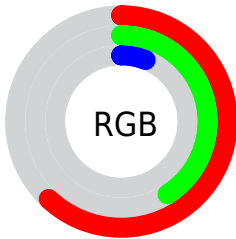
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 159, 16
Decimal	10447120
CIE <sub>Lab</sub>	48.90, 14.88, 52.54
CIE <sub>LCh</sub>	49, 54.607, 74.192
Yxy	17.5115, 0.4885, 0.4400
Android (android.graphics.Color)	4288637200 (0xFF9F6910)
YUV	111.0000, -46.8350, 42.0960
Hunter-Lab	41.8467, 9.7044, 25.2611

# Details

The Hex color **9F6910** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10469F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **DA9C47**, and **663A00** is the 20% darker color. If you saturate the color by 10%, you get **9F6300**, and if you desaturate by 10%, it is **9F6F20**.

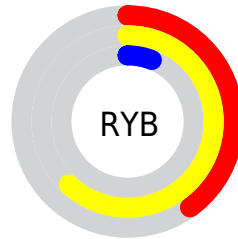
# Distribution



Red (62%)

Green (41%)

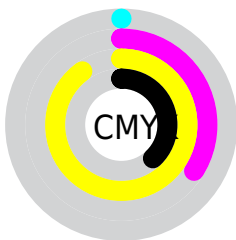
Blue (6%)



Red (40%)

Yellow (62%)

Blue (6%)

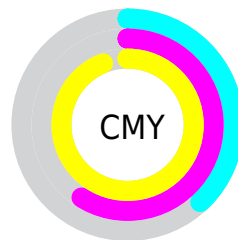


Cyan (0%)

Magenta (34%)

Yellow (90%)

Black (38%)



Cyan (38%)

Magenta (59%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6910 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 9F6910 by changing the saturation by 10% instead.





9F6910



9F6910

FFFFFF



825100



DA9C47



663A00



F8B760



4B2400



FFD37A



301000



FFEF95



160000



FFFFB1



000000



FFFPCD



FFFFE9



9F6910



9F6910

■ 9F6300

■ 9F6F20

■ 9F7530

■ 9F7B40

■ 9F8150

■ 9F8760

■ 9F8D6F

■ 9F937F

■ 9F998F

■ 9F9F9F

# Harmonies

## Analogous

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



BC5535



9F6910



767906

# Triad

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



9F6910



008A89



925EB7

# Complementary

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



9F6910



10469F

# 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.



3E72CE



9F6910



0088B4

# Square

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



9F6910



008859



0080CD



BB4B8F

# Rectangle

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



9F6910



55801F



0080CD



7D65C1



# Sweetspot

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



9F6910



CFB997



9F1047



695C47



E8E8E8



696969



# Same Dimension

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



9F6910



CF8100



8E9F10



4F4C47



8F5900



0F0A00



# Inverse Universe

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



10469F



004ECF



21109F



474A4F



00368F



00060F



# Previews

## White Background



This preview shows how the Hex color 9F6910 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 ✓ 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 9F6910 Background



This preview shows how black text looks on a background with the Hex color 9F6910.



This preview shows how white text looks on a background with the Hex color 9F6910.

# 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**  
9F6910

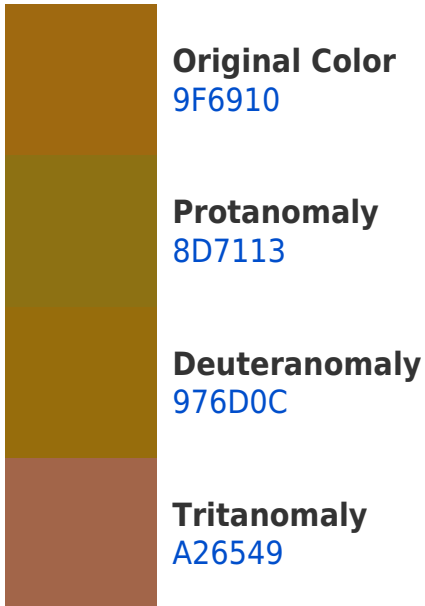
**Protanopia**  
837514

**Deuteranopia**  
936F0A

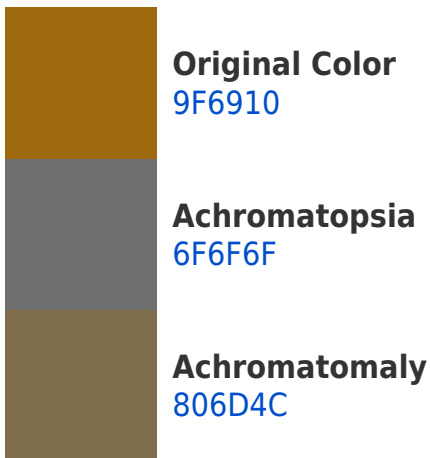


**Tritanopia**  
A36269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6910 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 #9F6910 looks like.

```
.text, #text, p{  
    color:#9F6910  
}
```

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 #9F6910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6910
}
```

## Border

The CSS property to change the border of an element to Hex 9F6910 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
#9F6910 }
```

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

```
.border{ border-color:#9F6910 }
```

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

Here you see how a box with a 4 pixel #9F6910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6910; -webkit-box-shadow:4px 4px  
4px 4px #9F6910; box-shadow:4px 4px 4px  
4px #9F6910 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6910 }
```

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

```
.background{ background-color:#9F6910 }
```

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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