

# Converting Colors

Hex(986714)

Have a look what the booklet for  
Hex(986714) contains.

<b>Hex(986714)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(986714)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	986714
RGB	152, 103, 20
RGB Percent	60%, 40%, 8%
CMY	0.4039, 0.5961, 0.9216
CMYK	0.00, 0.32, 0.87, 0.40
HSL	38°, 77%, 34%
HSV	38°, 87%, 60%
XYZ	17.9254, 16.4264, 2.8877
YIQ	108.1890, 55.8470, -15.4250

# Conversions

## Conversions Part 2

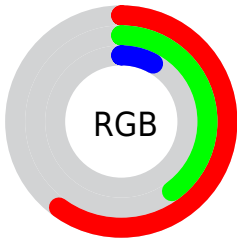
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 152, 20
Decimal	9987860
CIELab	47.53, 12.90, 49.89
CIELCh	48, 51.531, 75.500
Yxy	16.4264, 0.4814, 0.4411
Android (android.graphics.Color)	4288177940 (0xFF986714)
YUV	108.1890, -43.4772, 38.4222
Hunter-Lab	40.5295, 8.0205, 24.1463

# Details

The Hex color **986714** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **144598**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D29A49**, and **603800** is the 20% darker color. If you saturate the color by 10%, you get **986105**, and if you desaturate by 10%, it is **986D23**.

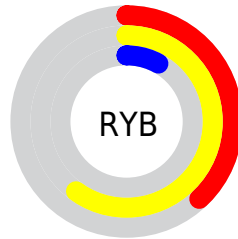
# Distribution



Red (60%)

Green (40%)

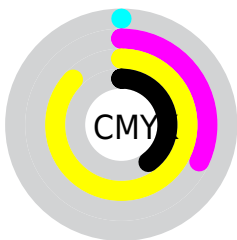
Blue (8%)



Red (38%)

Yellow (60%)

Blue (8%)

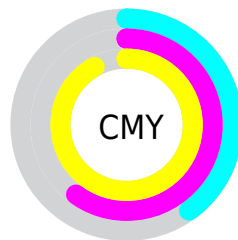


Cyan (0%)

Magenta (32%)

Yellow (87%)

Black (40%)



Cyan (40%)

Magenta (60%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 986714 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 986714 by changing the saturation by 10% instead.





986714



986714

FFFFFF



7C4F00



D29A49



603800



F0B562



452300



FFD07C



2B0F00



FFEC97



060000



FFFFB2



000000



FFFCE



FFFFEB



986714



986714

■ 986105

■ 986D23

■ 986000

■ 987232

■ 987842

■ 987E51

■ 988360

■ 98896F

■ 988E7E

■ 98948E

■ 989A9D

# Harmonies

## Analogous

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



B45534



986714



71760F

# Triad

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



986714



008587



8F5BAE

# Complementary

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



986714



144598

# 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.



456EC5



986714



0083AE

# Square

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



986714



008459



007CC5



B44A88

# Rectangle

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



986714



527C23



007CC5



7C62B8



# Sweetspot

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



986714



C4B191



981447



635845



E3E3E3



636363



# Same Dimension

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



986714



C47B00



899814



4D4A45



8C5800



0D0800



# Inverse Universe

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



144598



0049C4



231498



45484D



00348C

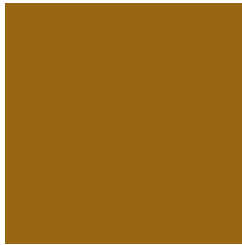


00050D



# Previews

## White Background



This preview shows how the Hex color 986714 looks on a white background.

## Color Contrast Check

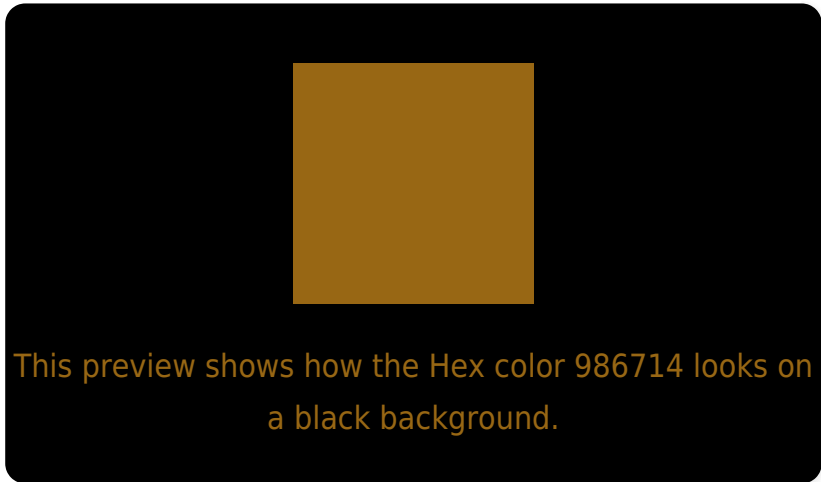
Large Text (above 18pt) WCAG AA ✓ Pass

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

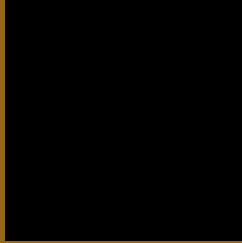
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 986714 Background



This preview shows how black text looks on a background with the Hex color 986714.



This preview shows how white text looks on a background with the Hex color 986714.

# 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**  
986714

**Protanopia**  
7F7117

**Deuteranopia**  
8F6B11

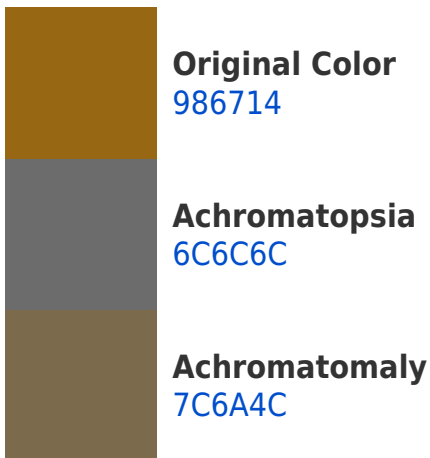


**Tritanopia**  
9C6067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 986714 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 #986714 looks like.

```
.text, #text, p{  
    color:#986714  
}
```

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 #986714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #986714
}
```

## Border

The CSS property to change the border of an element to Hex 986714 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
#986714 }
```

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

```
.border{ border-color:#986714 }
```

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

Here you see how a box with a 4 pixel #986714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #986714; -webkit-box-shadow:4px 4px  
4px 4px #986714; box-shadow:4px 4px 4px  
4px #986714 }
```

# Background

The CSS property to change the background color of an element to Hex 986714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#986714 }
```

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

```
.background{ background-color:#986714 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor