

# Converting Colors

Hex(C6980A)

Have a look what the booklet for  
Hex(C6980A) contains.

<b>Hex(C6980A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C6980A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6980A
RGB	198, 152, 10
RGB Percent	78%, 60%, 4%
CMY	0.2235, 0.4039, 0.9608
CMYK	0.00, 0.23, 0.95, 0.22
HSL	45°, 90%, 41%
HSV	45°, 95%, 78%
XYZ	34.5717, 34.4842, 5.1211
YIQ	149.5660, 72.9980, -34.4100

# Conversions

## Conversions Part 2

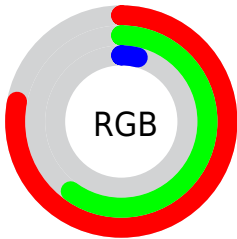
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">71, 198, 10</a>
Decimal	<a href="#">13015050</a>
CIELab	<a href="#">65.35, 6.29, 68.06</a>
CIElCh	<a href="#">65, 68.346, 84.720</a>
Yxy	<a href="#">34.4842, 0.4661, 0.4649</a>
Android (android.graphics.Color)	<a href="#">4291205130</a> ( <a href="#">0xFFC6980A</a> )
YUV	<a href="#">149.5660, -68.8060, 42.4766</a>
Hunter-Lab	<a href="#">58.7232, 2.3215, 35.9357</a>

# Details

The Hex color **C6980A** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0A38C6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFCE4E**, and **8B6600** is the 20% darker color. If you saturate the color by 10%, you get **C69600**, and if you desaturate by 10%, it is **C69D1E**.

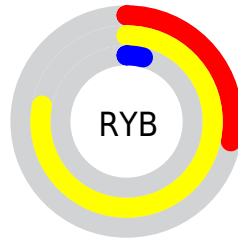
# Distribution



Red (78%)

Green (60%)

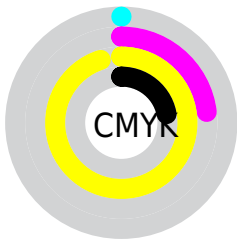
Blue (4%)



Red (28%)

Yellow (78%)

Blue (4%)

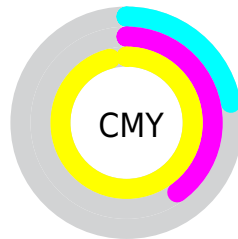


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6980A 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 C6980A by changing the saturation by 10% instead.



 C6980A

 C6980A

FFFFFF

 A87E00

 FFCE4E

 8B6600

 FFEA69

 6E4E00

 FFFF85

 523700

 FFFFA1

 382200

 FFFFBD

 200D00

 FFFFDA

 000000

 FFFFF7

 C6980A

 C6980A

 C69600

 C69D1E

 C6A232

 C6A745

 C6AB59

 C6B06D

 C6B581

 C6BA95

 C6BFA8

 C6C4BC

# Harmonies

## Analogous

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



F27F39



C6980A



8CAA1D

# Triad

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



C6980A



00BBD0



DE77E6

# Complementary

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



C6980A



0A38C6

# 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.



8993FF



C6980A



00B6FF

# Square

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



C6980A



00BB91



00A9FF



FF63AC

# Rectangle

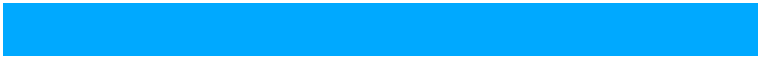
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C6980A



59B241



00A9FF



C881F6



# Sweetspot

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



C6980A



FFEEB8



C60A39



807554



000000



808080



# Same Dimension

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



C6980A



FFC100



97C60A



63615A



A37B00



241B00



# Inverse Universe

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



0A38C6



003EFF



390AC6



5A5C63



0028A3



000924



# Previews

## White Background



This preview shows how the Hex color C6980A looks on a white background.

## Color Contrast Check

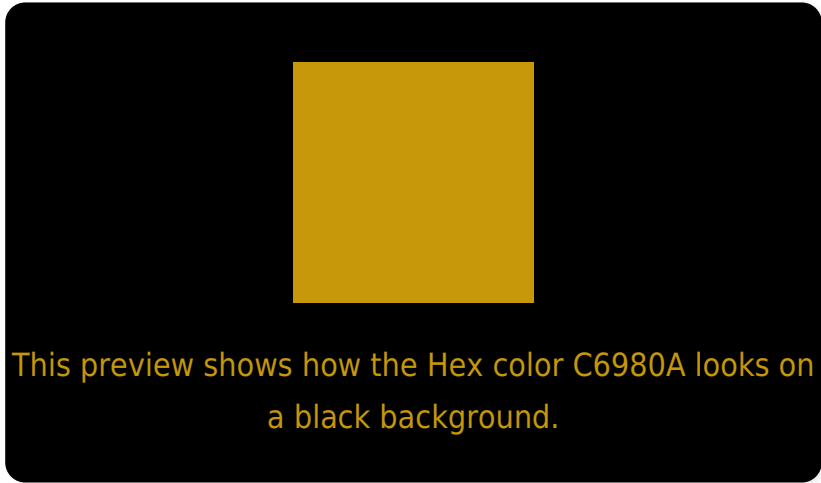
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex C6980A Background



This preview shows how black text looks on a background with the Hex color C6980A.



This preview shows how white text looks on a background with the Hex color C6980A.

# 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**  
C6980A

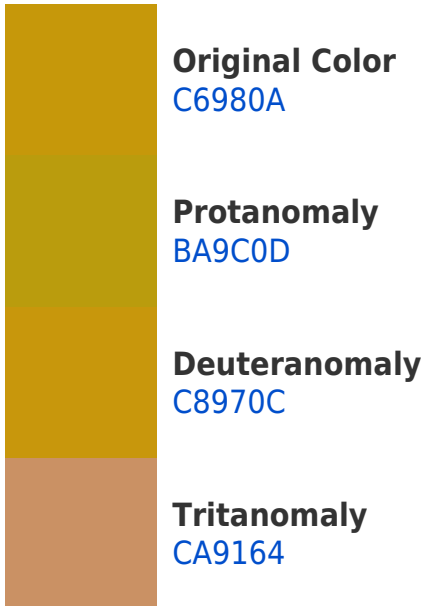
**Protanopia**  
B39F0E

**Deuteranopia**  
C9970D

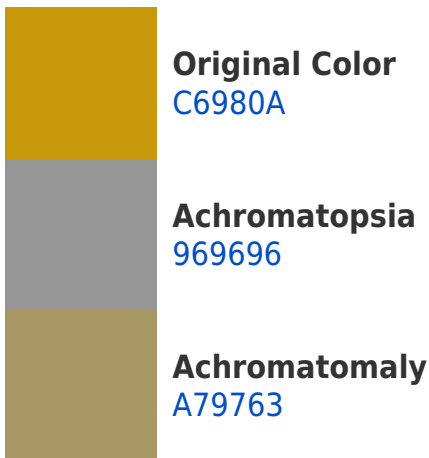


**Tritanopia**  
CD8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6980A 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 #C6980A looks like.

```
.text, #text, p{  
    color:#C6980A  
}
```

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 #C6980A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6980A
}
```

## Border

The CSS property to change the border of an element to Hex C6980A 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
#C6980A }
```

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

```
.border{ border-color:#C6980A }
```

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

Here you see how a box with a 4 pixel #C6980A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6980A; -webkit-box-shadow:4px 4px  
4px 4px #C6980A; box-shadow:4px 4px 4px  
4px #C6980A }
```

# Background

The CSS property to change the background color of an element to Hex C6980A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6980A }
```

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

```
.background{ background-color:#C6980A }
```

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