

# Converting Colors

Hex(6A992C)

Have a look what the booklet for  
Hex(6A992C) contains.

<b>Hex(6A992C)</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(6A992C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A992C
RGB	106, 153, 44
RGB Percent	42%, 60%, 17%
CMY	0.5843, 0.4000, 0.8275
CMYK	0.31, 0.00, 0.71, 0.40
HSL	86°, 55%, 39%
HSV	86°, 71%, 60%
XYZ	17.7897, 26.0285, 6.4693
YIQ	126.5210, 6.9770, -43.8630

# Conversions

## Conversions Part 2

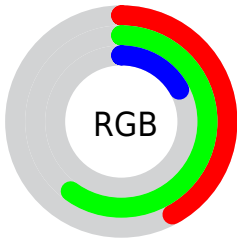
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 153, 91
Decimal	6986028
CIELab	58.06, -33.23, 49.65
CIELCh	58, 59.749, 123.793
Yxy	26.0285, 0.3538, 0.5176
Android (android.graphics.Color)	4285176108 (0xFF6A992C)
YUV	126.5210, -40.6829, -17.9969
Hunter-Lab	51.0181, -27.0398, 28.1945

# Details

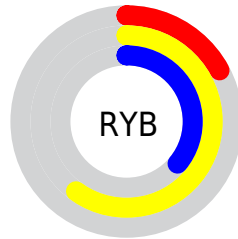
The Hex color **6A992C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B2C99**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A1D060**, and **356600** is the 20% darker color. If you saturate the color by 10%, you get **63991D**, and if you desaturate by 10%, it is **71993B**.

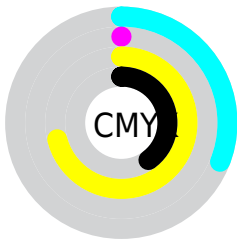
# Distribution



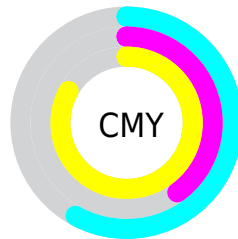
- Red (42%)
- Green (60%)
- Blue (17%)



- Red (17%)
- Yellow (60%)
- Blue (36%)



- Cyan (31%)
- Magenta (0%)
- Yellow (71%)
- Black (40%)



- Cyan (58%)
- Magenta (40%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A992C 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 6A992C by changing the saturation by 10% instead.





6A992C



6A992C

FFFFFF



4F7F0D



A1D060



356600



BDEC7B



1A4D00



D9FF96



003600



F7FFB1



002200



FFFFCD



000000



FFFEEA



6A992C



6A992C



63991D



71993B

■ 5D990D

■ 77994B

■ 579900

■ 7E995A

■ 849969

■ 8B9979

■ 929988

■ 989997

■ 9F99A6

■ A599B6

# Harmonies

## Analogous

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



A08B11



6A992C



00A15B

# Triad

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



6A992C



009DE9



E95887

# Complementary

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



6A992C



5B2C99

# 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.



D064BB



6A992C



008FF4

# Square

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



6A992C



00A3C4



957BE3



E56254

# Rectangle

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



6A992C



00A47F



957BE3



E45A99



# Sweetspot

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



6A992C



B5C79D



99592C



59634B



E3E3E3



636363



# Same Dimension

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



6A992C



7EC71E



35992C



494D45



508C00



070D00



# Inverse Universe

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



5B2C99



671EC7



902C99



48454D



3C008C



05000D



# Previews

## White Background



This preview shows how the Hex color 6A992C looks on a white background.

## Color Contrast Check

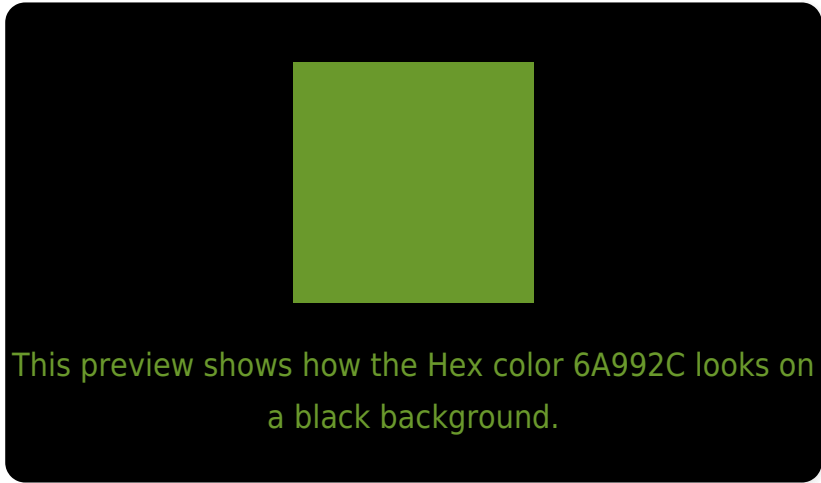
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A992C Background



This preview shows how black text looks on a background with the Hex color 6A992C.



This preview shows how white text looks on a background with the Hex color 6A992C.

# 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**  
6A992C

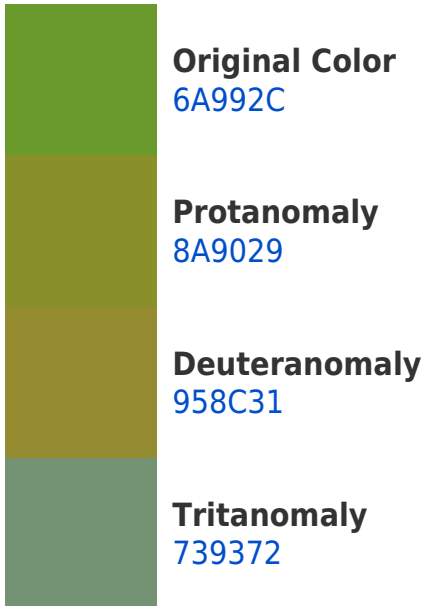
**Protanopia**  
9C8B28

**Deuteranopia**  
AD8434

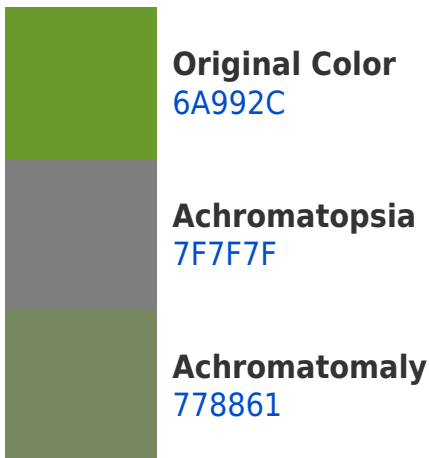


**Tritanopia**  
788F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A992C 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 #6A992C looks like.

```
.text, #text, p{  
    color:#6A992C  
}
```

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 #6A992C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A992C
}
```

## Border

The CSS property to change the border of an element to Hex 6A992C 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
#6A992C }
```

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

```
.border{ border-color:#6A992C }
```

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

Here you see how a box with a 4 pixel #6A992C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A992C; -webkit-box-shadow:4px 4px  
4px 4px #6A992C; box-shadow:4px 4px 4px  
4px #6A992C }
```

# Background

The CSS property to change the background color of an element to Hex 6A992C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A992C }
```

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

```
.background{ background-color:#6A992C }
```

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