

# Converting Colors

Hex(6A9726)

Have a look what the booklet for  
Hex(6A9726) contains.

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**Color**

**Hex(6A9726)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A9726
RGB	106, 151, 38
RGB Percent	42%, 59%, 15%
CMY	0.5843, 0.4078, 0.8510
CMYK	0.30, 0.00, 0.75, 0.41
HSL	84°, 60%, 37%
HSV	84°, 75%, 59%
XYZ	17.3603, 25.3373, 5.8093
YIQ	124.6630, 9.4530, -44.6830

# Conversions

## Conversions Part 2

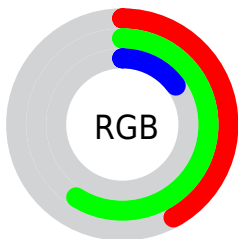
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 151, 83
Decimal	6985510
CIELab	57.40, -32.70, 51.26
CIElCh	57, 60.806, 122.534
Yxy	25.3373, 0.3579, 0.5223
Android (android.graphics.Color)	4285175590 (0xFF6A9726)
YUV	124.6630, -42.7249, -16.3675
Hunter-Lab	50.3362, -26.5260, 28.3926

# Details

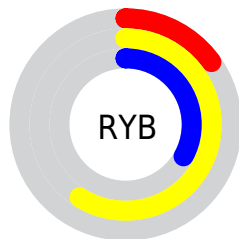
The Hex color **6A9726** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **532697**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A1CE5B**, and **356400** is the 20% darker color. If you saturate the color by 10%, you get **649717**, and if you desaturate by 10%, it is **709735**.

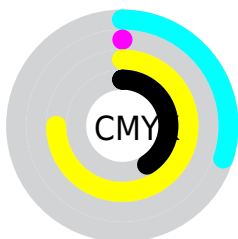
# Distribution



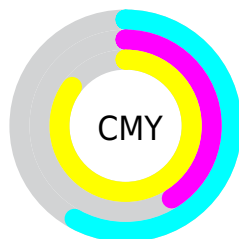
- Red (42%)
- Green (59%)
- Blue (15%)



- Red (15%)
- Yellow (59%)
- Blue (33%)



- Cyan (30%)
- Magenta (0%)
- Yellow (75%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A9726 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 6A9726 by changing the saturation by 10% instead.





6A9726



6A9726

FFFFFF



4F7D02



A1CE5B



356400



BDEA76



1A4B00



DAFF91



003400



F7FFAC



002100



FFFFC8



000000



FFFFE5



6A9726



6A9726



649717



709735

■ 5E9708

■ 769744

■ 5B9700

■ 7C9753

■ 829762

■ 889772

■ 8E9781

■ 949790

■ 9A979F

■ A097AE

# Harmonies

## Analogous

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



A08908



6A9726



009F56

# Triad

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



6A9726



009CE8



E85588

# Complementary

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



6A9726



532697

# 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.



CD62BC



6A9726



008FF4

# Square

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



6A9726



00A2C2



907AE4



E45F54

# Rectangle

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



6A9726



00A27A



907AE4



E25799



# Sweetspot

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



6A9726



B3C499



975126



59634A



E3E3E3



636363



# Same Dimension

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



6A9726



7EC414



339726



494D45



548C00



080D00



# Inverse Universe

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



532697



5A14C4



8A2697



48454D



38008C



05000D



# Previews

## White Background



This preview shows how the Hex color 6A9726 looks on a white background.

## Color Contrast Check

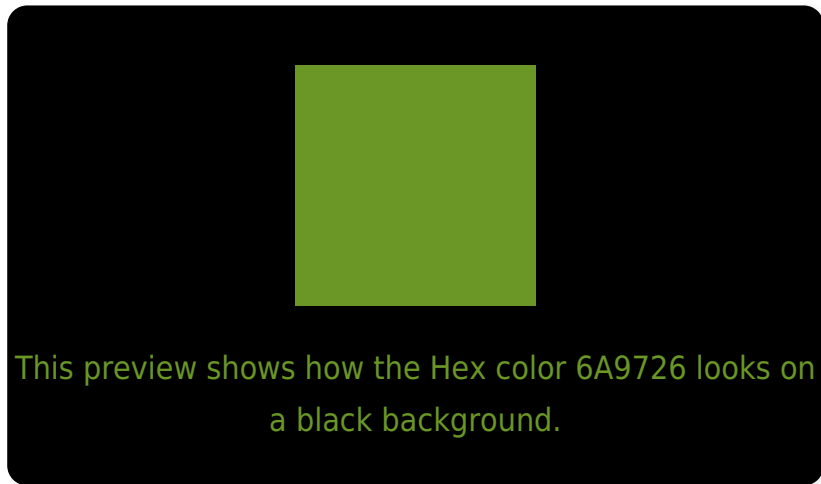
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A9726 Background



This preview shows how black text looks on a background with the Hex color 6A9726.



This preview shows how white text looks on a background with the Hex color 6A9726.

# 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**  
6A9726

**Protanopia**  
9A8A23

**Deuteranopia**  
AC822F



**Tritanopia**  
788D98

# Trichromacy



**Original Color**  
6A9726

**Protanomaly**  
898F24

**Deuteranomaly**  
948A2C

**Tritanomaly**  
73916F

# Monochromacy



**Original Color**  
6A9726

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
76865D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A9726 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 #6A9726 looks like.

```
.text, #text, p{  
    color:#6A9726  
}
```

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 #6A9726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9726
}
```

## Border

The CSS property to change the border of an element to Hex 6A9726 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
#6A9726 }
```

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

```
.border{ border-color:#6A9726 }
```

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

Here you see how a box with a 4 pixel #6A9726 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9726; -webkit-box-shadow:4px 4px  
4px 4px #6A9726; box-shadow:4px 4px 4px  
4px #6A9726 }
```

# Background

The CSS property to change the background color of an element to Hex 6A9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9726 }
```

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

```
.background{ background-color:#6A9726 }
```

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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