

# Converting Colors

Hex(6E9749)

Have a look what the booklet for  
Hex(6E9749) contains.

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# Color

Hex(6E9749)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E9749
RGB	110, 151, 73
RGB Percent	43%, 59%, 29%
CMY	0.5686, 0.4078, 0.7137
CMYK	0.27, 0.00, 0.52, 0.41
HSL	92°, 35%, 44%
HSV	92°, 52%, 59%
XYZ	18.6996, 25.9293, 10.3226
YIQ	129.8490, 0.6020, -32.9500

# Conversions

## Conversions Part 2

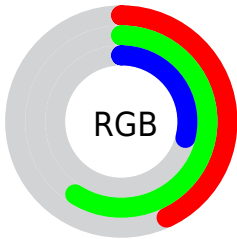
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 151, 114
Decimal	7247689
CIELab	57.97, -28.03, 36.34
CIElCh	58, 45.894, 127.646
Yxy	25.9293, 0.3403, 0.4719
Android (android.graphics.Color)	4285437769 (0xFF6E9749)
YUV	129.8490, -28.0266, -17.4076
Hunter-Lab	50.9208, -23.5609, 23.6253

# Details

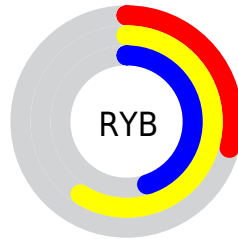
The Hex color **6E9749** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **724997**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A3CD7C**, and **3B6418** is the 20% darker color. If you saturate the color by 10%, you get **66973A**, and if you desaturate by 10%, it is **769758**.

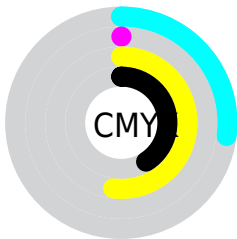
# Distribution



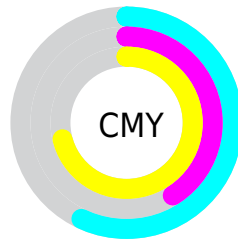
- Red (43%)
- Green (59%)
- Blue (29%)



- Red (29%)
- Yellow (59%)
- Blue (45%)



- Cyan (27%)
- Magenta (0%)
- Yellow (52%)
- Black (41%)



- Cyan (57%)
- Magenta (41%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9749 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 6E9749 by changing the saturation by 10% instead.





6E9749



6E9749

FFFFFF



547D31



A3CD7C



3B6418



BFEA96



224C00



DCFFB1



083400



F9FFCD



002100



FFFFE9



000000



6E9749



6E9749



66973A



769758



5E972B



7E9767

■ 56971C

■ 869776

■ 4E970D

■ 8E9785

■ 489700

■ 969794

■ 9E97A4

■ A697B3

■ AD97C2

■ B597D1

# Harmonies

## Analogous

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



998C38



6E9749



319D6B

# Triad

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



6E9749



0098D5



D66983

# Complementary

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



6E9749



724997

# 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.



C56EAB



6E9749



578CDB

# Square

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



6E9749



009EBB



9C7DCB



D1705C

# Rectangle

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



6E9749



009F87



9C7DCB



D36990



# Sweetspot

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



6E9749



B5C4A7



977149



5A6352



E3E3E3



636363



# Same Dimension

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



6E9749



84C44B



49974A



484D45



438C00



060D00



# Inverse Universe

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



724997



8B4BC4



974996



49454D



4A008C



07000D



# Previews

## White Background



This preview shows how the Hex color 6E9749 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 6E9749 Background



This preview shows how black text looks on a background with the Hex color 6E9749.



This preview shows how white text looks on a background with the Hex color 6E9749.

# 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**  
6E9749

**Protanopia**  
998B45

**Deuteranopia**  
A9844E



**Tritanopia**  
7A8E9A

# Trichromacy



**Original Color**  
6E9749

**Protanomaly**  
898F46

**Deuteranomaly**  
948B4C

**Tritanomaly**  
76917D

# Monochromacy



**Original Color**  
6E9749

**Achromatopsia**  
828282

**Achromatomaly**  
7B8A6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9749 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 #6E9749 looks like.

```
.text, #text, p{  
    color:#6E9749  
}
```

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 #6E9749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9749
}
```

## Border

The CSS property to change the border of an element to Hex 6E9749 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
#6E9749 }
```

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

```
.border{ border-color:#6E9749 }
```

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

Here you see how a box with a 4 pixel #6E9749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9749; -webkit-box-shadow:4px 4px  
4px 4px #6E9749; box-shadow:4px 4px 4px  
4px #6E9749 }
```

# Background

The CSS property to change the background color of an element to Hex 6E9749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9749 }
```

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

```
.background{ background-color:#6E9749 }
```

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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