

# Converting Colors

Hex(6E9533)

Have a look what the booklet for  
Hex(6E9533) contains.

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**Color**

**Hex(6E9533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E9533
RGB	110, 149, 51
RGB Percent	43%, 58%, 20%
CMY	0.5686, 0.4157, 0.8000
CMYK	0.26, 0.00, 0.66, 0.42
HSL	84°, 49%, 39%
HSV	84°, 66%, 58%
XYZ	17.7754, 25.0489, 7.0300
YIQ	126.1670, 8.2140, -38.7460

# Conversions

## Conversions Part 2

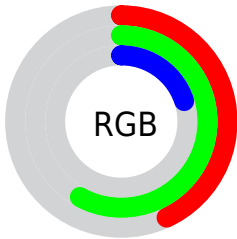
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 149, 90
Decimal	7247155
CIELab	57.12, -29.25, 45.84
CIELCh	57, 54.378, 122.544
Yxy	25.0489, 0.3565, 0.5024
Android (android.graphics.Color)	4285437235 (0xFF6E9533)
YUV	126.1670, -37.0573, -14.1785
Hunter-Lab	50.0489, -24.1894, 26.7062

# Details

The Hex color **6E9533** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A3395**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A4CB66**, and **3A6200** is the 20% darker color. If you saturate the color by 10%, you get **689524**, and if you desaturate by 10%, it is **749542**.

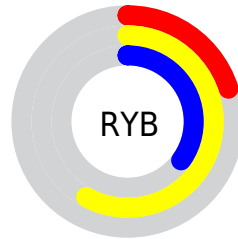
# Distribution



Red (43%)

Green (58%)

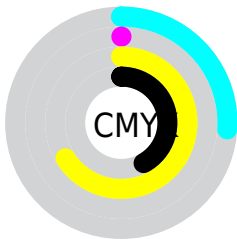
Blue (20%)



Red (20%)

Yellow (58%)

Blue (35%)

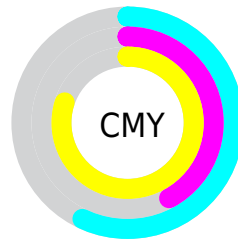


Cyan (26%)

Magenta (0%)

Yellow (66%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9533 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 6E9533 by changing the saturation by 10% instead.





6E9533



6E9533

FFFFFF



547B18



A4CB66



3A6200



C0E880



214A00



DFFF9B



013300



FAFFB7



002000



FFFFD3



000000



FFFFF0



6E9533



6E9533



689524



749542

■ 629515

■ 7A9551

■ 5C9506

■ 809560

■ 5A9500

■ 86956F

■ 8C957E

■ 92958C

■ 98959B

■ 9D95AA

■ A395B9

# Harmonies

## Analogous

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



9E8821



6E9533



1F9D5B

# Triad

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



6E9533



0099DD



DE5D87

# Complementary

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



6E9533



5A3395

# 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.



C667B6



6E9533



128DE8

# Square

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



6E9533



009FBB



907BD9



DC6459

# Rectangle

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



6E9533



009F7B



907BD9



D95E97



# Sweetspot

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



6E9533



B2C29B



955933



58614A



E0E0E0



616161



# Same Dimension

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



6E9533



85C229



3E9533



474A43



538A00



060A00



# Inverse Universe

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



5A3395



6629C2



8A3395



45434A



37008A



04000A



# Previews

## White Background



This preview shows how the Hex color 6E9533 looks on a white background.

## Color Contrast Check

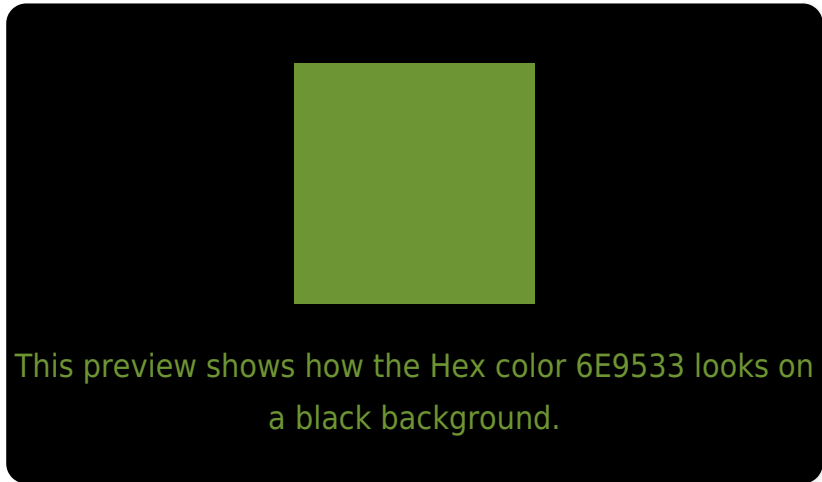
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E9533 Background



This preview shows how black text looks on a background with the Hex color 6E9533.



This preview shows how white text looks on a background with the Hex color 6E9533.

# 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





**Tritanopia**  
7B8B96

# Trichromacy



**Original Color**  
6E9533

**Protanomaly**  
898D31

**Deuteranomaly**  
948937

**Tritanomaly**  
768F72

# Monochromacy



**Original Color**  
6E9533

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
788663

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9533 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 #6E9533 looks like.

```
.text, #text, p{  
    color:#6E9533  
}
```

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 #6E9533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9533
}
```

## Border

The CSS property to change the border of an element to Hex 6E9533 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
#6E9533 }
```

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

```
.border{ border-color:#6E9533 }
```

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

Here you see how a box with a 4 pixel #6E9533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9533; -webkit-box-shadow:4px 4px  
4px 4px #6E9533; box-shadow:4px 4px 4px  
4px #6E9533 }
```

# Background

The CSS property to change the background color of an element to Hex 6E9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9533 }
```

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

```
.background{ background-color:#6E9533 }
```

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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