

# Converting Colors

Hex(6E9545)

Have a look what the booklet for  
Hex(6E9545) contains.

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# Color

Hex(6E9545)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6E9545                     |
| RGB           | 110, 149, 69               |
| RGB Percent   | 43%, 58%, 27%              |
| CMY           | 0.5686, 0.4157, 0.7294     |
| CMYK          | 0.26, 0.00, 0.54, 0.42     |
| HSL           | 89°, 37%, 43%              |
| HSV           | 89°, 54%, 58%              |
| XYZ           | 18.2520, 25.2396, 9.5400   |
| YIQ           | 128.2190, 2.4360, -33.1480 |

# Conversions

## Conversions Part 2

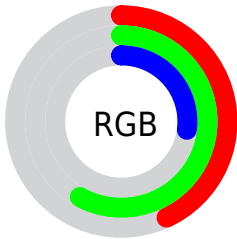
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 69, 149, 108                    |
| Decimal                             | 7247173                         |
| CIELab                              | 57.31, -27.52, 37.56            |
| CIElCh                              | 57, 46.564, 126.225             |
| Yxy                                 | 25.2396, 0.3442,<br>0.4759      |
| Android<br>(android.graphics.Color) | 4285437253<br>(0xFF6E9545)      |
| YUV                                 | 128.2190, -29.1950,<br>-15.9781 |
| Hunter-Lab                          | 50.2390, -23.0684,<br>23.9086   |

# Details

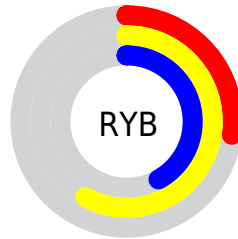
The Hex color **6E9545** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6C4595**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A3CB77**, and **3B6214** is the 20% darker color. If you saturate the color by 10%, you get **679536**, and if you desaturate by 10%, it is **759554**.

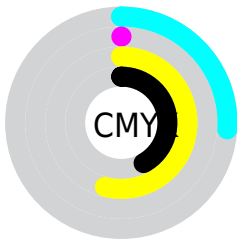
# Distribution



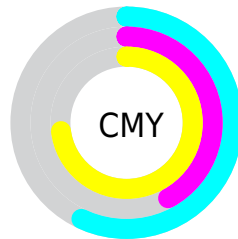
- Red (43%)
- Green (58%)
- Blue (27%)



- Red (27%)
- Yellow (58%)
- Blue (42%)



- Cyan (26%)
- Magenta (0%)
- Yellow (54%)
- Black (42%)



- Cyan (57%)
- Magenta (42%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9545 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 6E9545 by changing the saturation by 10% instead.





6E9545



6E9545

FFFFFF



547B2D



A3CB77



3B6214



BFE892



224A00



DCFFAD



073300



F9FFC8



002000



FFFFE5



000000



6E9545



6E9545



679536



759554



5F9527



7D9563

■ 589518

■ 849572

■ 519509

■ 8B9581

■ 4C9500

■ 929590

■ 9A959E

■ A195AD

■ A895BC

■ AF95CB

# Harmonies

## Analogous

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



998A35



6E9545



319B67

# Triad

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



6E9545



0097D3



D56683

# Complementary

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



6E9545



6C4595

# 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.



C26CAB



6E9545



4F8BDA

# Square

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



6E9545



009DB8



977BCB



D16D5C

# Rectangle

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



6E9545



009E83



977BCB



D16790



# Sweetspot

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



6E9545



B3C2A3



956C45



58614E



E0E0E0



616161



# Same Dimension

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



6E9545



85C246



469545



464A43



478A00



050A00



# Inverse Universe

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



6C4595



8246C2



944595



46434A



43008A



05000A



# Previews

## White Background



This preview shows how the Hex color 6E9545 looks on a white background.

## Color Contrast Check

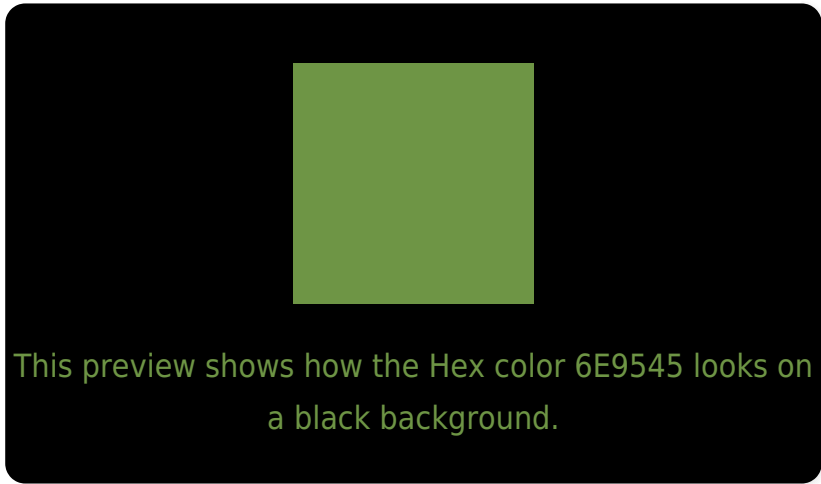
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E9545 Background



This preview shows how black text looks on a background with the Hex color 6E9545.



This preview shows how white text looks on a background with the Hex color 6E9545.

# 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**  
6E9545

**Protanopia**  
988941

**Deuteranopia**  
A8834A



**Tritanopia**  
7A8C97

# Trichromacy



**Original Color**  
6E9545

**Protanomaly**  
898D42

**Deuteranomaly**  
938A48

**Tritanomaly**  
768F79

# Monochromacy



**Original Color**  
6E9545

**Achromatopsia**  
808080

**Achromatomaly**  
79886B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9545 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 #6E9545 looks like.

```
.text, #text, p{  
    color:#6E9545  
}
```

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 #6E9545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9545
}
```

## Border

The CSS property to change the border of an element to Hex 6E9545 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
#6E9545 }
```

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

```
.border{ border-color:#6E9545 }
```

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

Here you see how a box with a 4 pixel #6E9545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9545; -webkit-box-shadow:4px 4px  
4px 4px #6E9545; box-shadow:4px 4px 4px  
4px #6E9545 }
```

# Background

The CSS property to change the background color of an element to Hex 6E9545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9545 }
```

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

```
.background{ background-color:#6E9545 }
```

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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