

# Converting Colors

Hex(7B9E45)

Have a look what the booklet for  
Hex(7B9E45) contains.

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**Color**

**Hex(7B9E45)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B9E45
RGB	123, 158, 69
RGB Percent	48%, 62%, 27%
CMY	0.5176, 0.3804, 0.7294
CMYK	0.22, 0.00, 0.56, 0.38
HSL	84°, 39%, 45%
HSV	84°, 56%, 62%
XYZ	21.4694, 29.0943, 10.1144
YIQ	137.3890, 7.7090, -35.0990

# Conversions

## Conversions Part 2

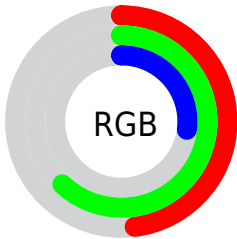
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 158, 104
Decimal	8101445
CIE <sub>Lab</sub>	60.86, -26.81, 41.95
CIE <sub>LCh</sub>	61, 49.781, 122.581
Yxy	29.0943, 0.3538, 0.4795
Android (android.graphics.Color)	4286291525 (0xFF7B9E45)
YUV	137.3890, -33.7158, -12.6192
Hunter-Lab	53.9392, -23.3452, 26.6396

# Details

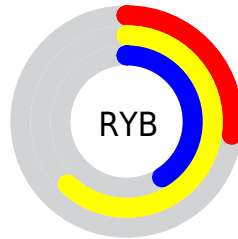
The Hex color **7B9E45** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **68459E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B1D578**, and **476A11** is the 20% darker color. If you saturate the color by 10%, you get **759E35**, and if you desaturate by 10%, it is **819E55**.

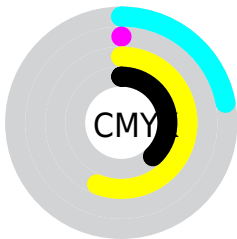
# Distribution



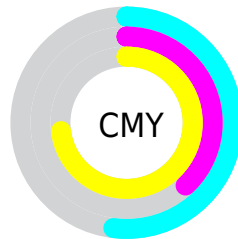
- Red (48%)
- Green (62%)
- Blue (27%)



- Red (27%)
- Yellow (62%)
- Blue (41%)



- Cyan (22%)
- Magenta (0%)
- Yellow (56%)
- Black (38%)



- Cyan (52%)
- Magenta (38%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9E45 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 7B9E45 by changing the saturation by 10% instead.





7B9E45



7B9E45

FFFFFF



61842C



B1D578



476A11



CEF193



2E5200



EAFFAE



153B00



FFFFCA



002500



FFFFE6



000600



000000



7B9E45



7B9E45



759E35



819E55

■ 6F9E25

■ 879E65

■ 689E16

■ 8E9E74

■ 629E06

■ 949E84

■ 609E00

■ 9A9E94

■ A09EA4

■ A69EB4

■ AD9EC3

■ B39ED3

# Harmonies

## Analogous

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



A89236



7B9E45



3DA669

# Triad

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



7B9E45



00A2E0



E36C91

# Complementary

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



7B9E45



68459E

# 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.



CC75BC



7B9E45



4396EB

# Square

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



7B9E45



00A8C1



9A86DD



E17266

# Rectangle

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



7B9E45



00A886



9A86DD



DE6EA0



# Sweetspot

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



7B9E45



C1CFAB



9E6745



606954



E8E8E8



696969



# Same Dimension

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



7B9E45



97CF42



4F9E45



4C4F47



578F00



090F00



# Inverse Universe

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



68459E



7942CF



94459E



4A474F



38008F



06000F



# Previews

## White Background



This preview shows how the Hex color 7B9E45 looks on a white background.

## Color Contrast Check

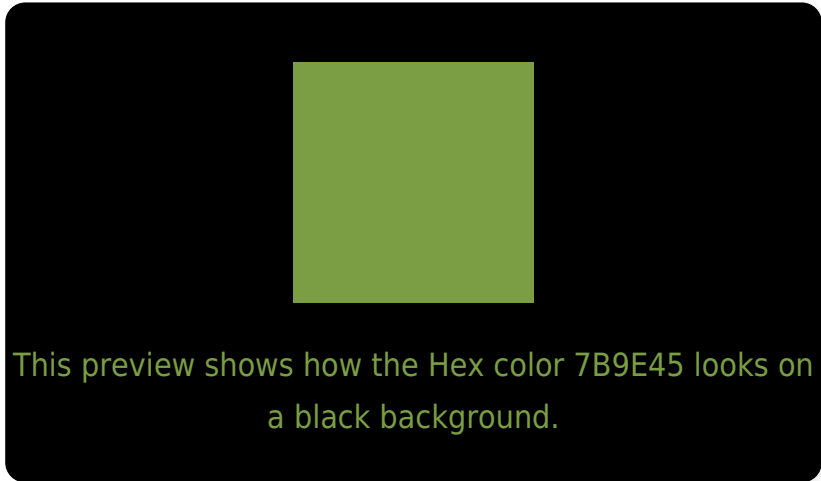
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B9E45 Background



This preview shows how black text looks on a background with the Hex color 7B9E45.



This preview shows how white text looks on a background with the Hex color 7B9E45.

# 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](#).

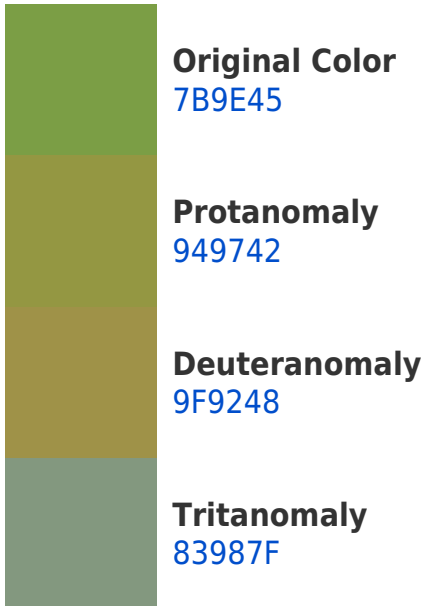
## Dichromacy



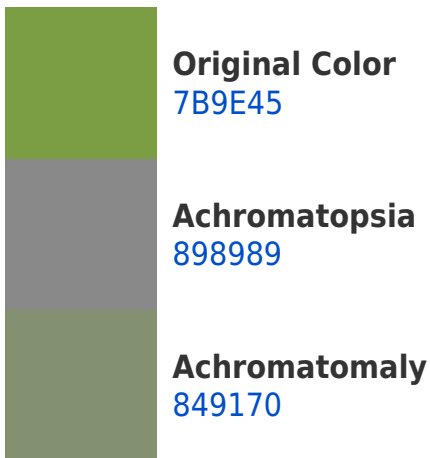


**Tritanopia**  
8794A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9E45 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 #7B9E45 looks like.

```
.text, #text, p{  
    color:#7B9E45  
}
```

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 #7B9E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9E45
}
```

## Border

The CSS property to change the border of an element to Hex 7B9E45 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
#7B9E45 }
```

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

```
.border{ border-color:#7B9E45 }
```

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

Here you see how a box with a 4 pixel #7B9E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9E45; -webkit-box-shadow:4px 4px  
4px 4px #7B9E45; box-shadow:4px 4px 4px  
4px #7B9E45 }
```

# Background

The CSS property to change the background color of an element to Hex 7B9E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9E45 }
```

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

```
.background{ background-color:#7B9E45 }
```

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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