

# Converting Colors

Hex(7F9E5A)

Have a look what the booklet for  
Hex(7F9E5A) contains.

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**Color**

**Hex(7F9E5A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F9E5A
RGB	127, 158, 90
RGB Percent	50%, 62%, 35%
CMY	0.5020, 0.3804, 0.6471
CMYK	0.20, 0.00, 0.43, 0.38
HSL	87°, 27%, 49%
HSV	87°, 43%, 62%
XYZ	22.8247, 29.7039, 14.2033
YIQ	140.9790, 3.3520, -27.7200

# Conversions

## Conversions Part 2

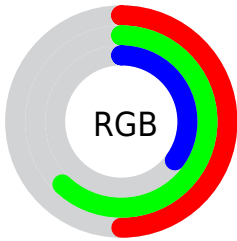
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 158, 121
Decimal	8363610
CIE <sub>Lab</sub>	61.40, -22.83, 32.01
CIE <sub>LCh</sub>	61, 39.318, 125.491
Yxy	29.7039, 0.3420, 0.4451
Android (android.graphics.Color)	4286553690 (0xFF7F9E5A)
YUV	140.9790, -25.1326, -12.2596
Hunter-Lab	54.5013, -20.6229, 22.6997

# Details

The Hex color **7F9E5A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **795A9E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B5D58D**, and **4C6A2A** is the 20% darker color. If you saturate the color by 10%, you get **789E4A**, and if you desaturate by 10%, it is **869E6A**.

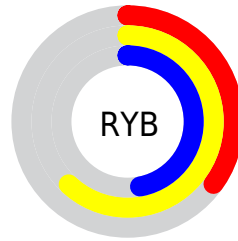
# Distribution



Red (50%)

Green (62%)

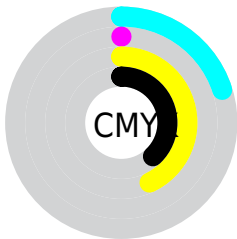
Blue (35%)



Red (35%)

Yellow (62%)

Blue (47%)

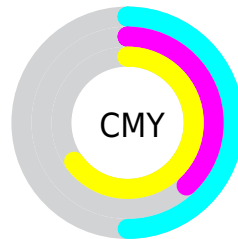


Cyan (20%)

Magenta (0%)

Yellow (43%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F9E5A 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 7F9E5A by changing the saturation by 10% instead.





7F9E5A



7F9E5A

FFFFFF



658442



B5D58D



4C6A2A



D1F1A8



345213



EDFFC3



1D3B00



FFFFE0



022500



FFFFFC



000A00



000000



7F9E5A



7F9E5A



789E4A



869E6A

719E3A

8D9E7A

699E2B

959E89

629E1B

9C9E99

5B9E0B

A39EA9

569E00

AA9EB9

B19EC9

B99ED8

C09EE8

# Harmonies

## Analogous

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



A4944E



7F9E5A



52A476

# Triad

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



7F9E5A



06A0D3



D6788F

# Complementary

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



7F9E5A



795A9E

# 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.



C57DB2



7F9E5A



6996D9

# Square

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



7F9E5A



00A5BC



A089CD



D47D6E

# Rectangle

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



7F9E5A



29A68E



A089CD



D2799B



# Sweetspot

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



7F9E5A



C2CFB4



9E795A



616958



E8E8E8



696969



# Same Dimension

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



7F9E5A



9ECF63



5D9E5A



4B4F47



4E8F00



080F00



# Inverse Universe

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



795A9E



9463CF



9B5A9E



4B474F



41008F



07000F



# Previews

## White Background



This preview shows how the Hex color 7F9E5A looks on a white background.

## Color Contrast Check

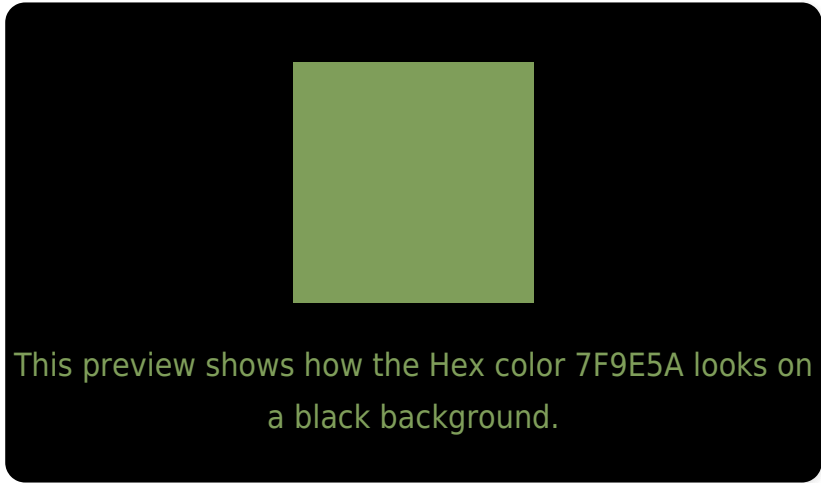
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F9E5A Background



This preview shows how black text looks on a background with the Hex color 7F9E5A.



This preview shows how white text looks on a background with the Hex color 7F9E5A.

# 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](#).

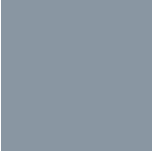
## Dichromacy



**Original Color**  
7F9E5A

**Protanopia**  
A29456

**Deuteranopia**  
B28D5E



**Tritanopia**  
8996A2

# Trichromacy



**Original Color**  
7F9E5A

**Protanomaly**  
959857

**Deuteranomaly**  
9F935D

**Tritanomaly**  
859988

# Monochromacy



**Original Color**  
7F9E5A

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
88937A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F9E5A 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 #7F9E5A looks like.

```
.text, #text, p{  
    color:#7F9E5A  
}
```

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 #7F9E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9E5A
}
```

## Border

The CSS property to change the border of an element to Hex 7F9E5A 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
#7F9E5A }
```

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

```
.border{ border-color:#7F9E5A }
```

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

Here you see how a box with a 4 pixel #7F9E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9E5A; -webkit-box-shadow:4px 4px  
4px 4px #7F9E5A; box-shadow:4px 4px 4px  
4px #7F9E5A }
```

# Background

The CSS property to change the background color of an element to Hex 7F9E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9E5A }
```

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

```
.background{ background-color:#7F9E5A }
```

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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