

# Converting Colors

Hex(7C935F)

Have a look what the booklet for  
Hex(7C935F) contains.

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**Color**

**Hex(7C935F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C935F
RGB	124, 147, 95
RGB Percent	49%, 58%, 37%
CMY	0.5137, 0.4235, 0.6275
CMYK	0.16, 0.00, 0.35, 0.42
HSL	87°, 21%, 47%
HSV	87°, 35%, 58%
XYZ	20.8115, 25.9787, 14.7440
YIQ	134.1950, 2.9840, -21.0480

# Conversions

## Conversions Part 2

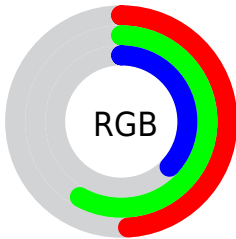
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 147, 118
Decimal	8164191
CIE <sub>Lab</sub>	58.02, -17.67, 24.91
CIE <sub>LCh</sub>	58, 30.545, 125.354
Yxy	25.9787, 0.3382, 0.4222
Android (android.graphics.Color)	4286354271 (0xFF7C935F)
YUV	134.1950, -19.3231, -8.9410
Hunter-Lab	50.9693, -16.3125, 18.5276

# Details

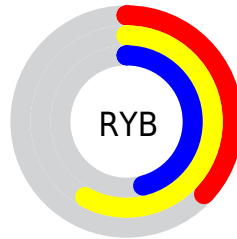
The Hex color **7C935F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **765F93**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B1C992**, and **4A6030** is the 20% darker color. If you saturate the color by 10%, you get **759350**, and if you desaturate by 10%, it is **83936E**.

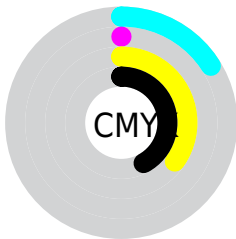
# Distribution



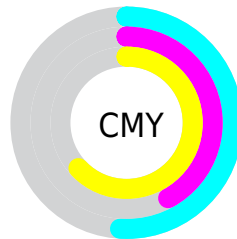
- Red (49%)
- Green (58%)
- Blue (37%)



- Red (37%)
- Yellow (58%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C935F 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 7C935F by changing the saturation by 10% instead.



 7C935F

 7C935F

FFFFFF

 637947

 B1C992

 4A6030

 CDE5AD

 33491A

 E9FFC8

 1C3201

 FFFFE4

 001E00

 000000

 7C935F

 7C935F

 759350

 83936E

 6F9342

 89937C

689333

90938B

629324

96939A

5B9316

9D93A9

559307

A393B7

529300

AA93C6

B093D5

B793E3

# Harmonies

## Analogous

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



998B56



7C935F



5C9874

# Triad

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



7C935F



4294BB



BF7788

# Complementary

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



7C935F



765F93

# 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.



B17AA2



7C935F



6E8CC0

# Square

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



7C935F



2699A9



9583B7



BE7A6E

# Rectangle

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



7C935F



459A86



9583B7



BC7791



# Sweetspot

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



7C935F



B6BFAA



93765F



5B6154



E0E0E0



616161



# Same Dimension

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



7C935F



9CBF6F



62935F



474A43



4D8A00



060A00



# Inverse Universe

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



765F93



926FBF



905F93



46434A



3D008A



05000A



# Previews

## White Background



This preview shows how the Hex color 7C935F looks on a white background.

## Color Contrast Check

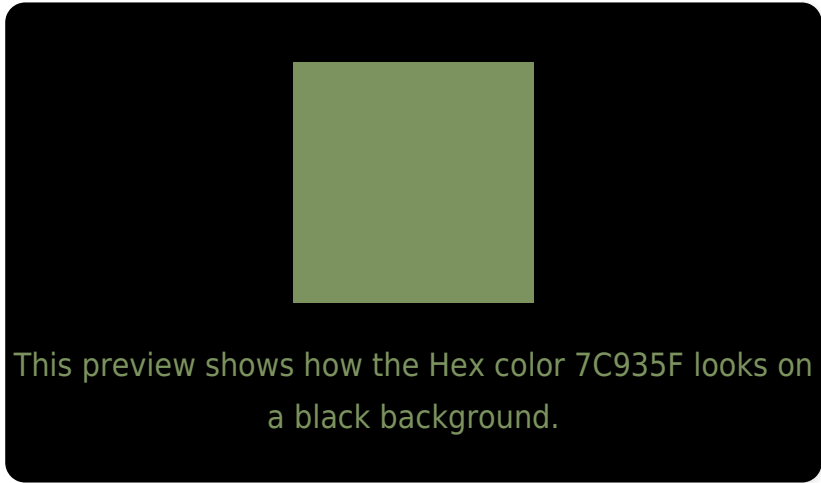
Large Text (above 18pt) WCAG AA ✓ Pass

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

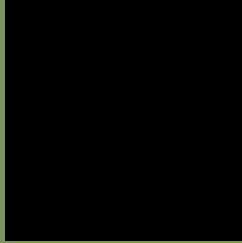
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C935F Background



This preview shows how black text looks on a background with the Hex color 7C935F.



This preview shows how white text looks on a background with the Hex color 7C935F.

# 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**  
848C97

# Trichromacy



**Original Color**  
7C935F

**Protanomaly**  
8D8E5D

**Deuteranomaly**  
978A61

**Tritanomaly**  
818F83

# Monochromacy



**Original Color**  
7C935F

**Achromatopsia**  
868686

**Achromatomaly**  
828B78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C935F 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 #7C935F looks like.

```
.text, #text, p{  
    color:#7C935F  
}
```

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 #7C935F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C935F
}
```

## Border

The CSS property to change the border of an element to Hex 7C935F 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
#7C935F }
```

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

```
.border{ border-color:#7C935F }
```

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

Here you see how a box with a 4 pixel #7C935F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C935F; -webkit-box-shadow:4px 4px  
4px 4px #7C935F; box-shadow:4px 4px 4px  
4px #7C935F }
```

# Background

The CSS property to change the background color of an element to Hex 7C935F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C935F }
```

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

```
.background{ background-color:#7C935F }
```

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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