

Converting Colors

Hex(7A944F)

Have a look what the booklet for
Hex(7A944F) contains.

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Color

Hex(7A944F)

Conversions

Conversions Part 1

Format	Color
Hex	7A944F
RGB	122, 148, 79
RGB Percent	48%, 58%, 31%
CMY	0.5216, 0.4196, 0.6902
CMYK	0.18, 0.00, 0.47, 0.42
HSL	83°, 30%, 45%
HSV	83°, 47%, 58%
XYZ	20.0272, 25.8819, 11.3373
YIQ	132.3600, 6.6530, -26.9710

Conversions

Conversions Part 2

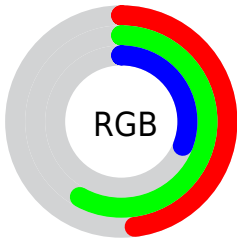
Format	Color
RYB	79, 148, 105
Decimal	8033359
CIELab	57.92, -21.11, 33.37
CIElCh	58, 39.484, 122.322
Yxy	25.8819, 0.3498, 0.4521
Android (android.graphics.Color)	4286223439 (0xFF7A944F)
YUV	132.3600, -26.3065, -9.0857
Hunter-Lab	50.8743, -18.7614, 22.3992

Details

The Hex color **7A944F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **694F94**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B0CA82**, and **47611F** is the 20% darker color. If you saturate the color by 10%, you get **749440**, and if you desaturate by 10%, it is **80945E**.

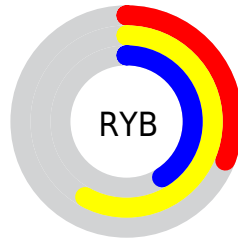
Distribution



Red (48%)

Green (58%)

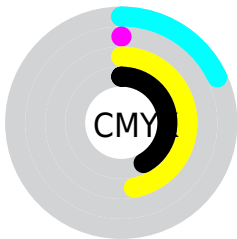
Blue (31%)



Red (31%)

Yellow (58%)

Blue (41%)

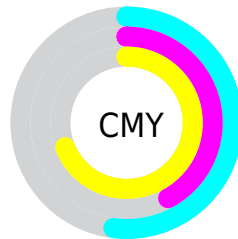


Cyan (18%)

Magenta (0%)

Yellow (47%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A944F 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 7A944F by changing the saturation by 10% instead.



7A944F



7A944F

FFFFFF



607A37



B0CA82



47611F



CBE69C



2F4906



E8FFB7



193200



FFFFD3



001F00



FFFFFF0



000000



7A944F



7A944F



749440



80945E



6F9431



85946D

■ 699423

■ 8B947B

■ 649414

■ 90948A

■ 5E9405

■ 969499

■ 5C9400

■ 9B94A8

■ A194B7

■ A794C5

■ AC94D4

Harmonies

Analogous

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



9E8A45



7A944F



4E9A6A

Triad

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



7A944F



0097C8



CB6F8A

Complementary

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



7A944F



694F94

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.



B875AC



7A944F



578ED0

Square

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



7A944F



009CAF



9281C6



CB7368

Rectangle

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



7A944F



239D81



9281C6



C77096

Sweetspot

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



7A944F



B5BFA4



94684F



5B6150



E0E0E0



616161

Same Dimension

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



7A944F



97BF54



58944F



474A43



568A00



060A00

Inverse Universe

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



694F94



7D54BF



8B4F94



45434A



34008A



04000A

Previews

White Background



This preview shows how the Hex color 7A944F looks on a white background.

Color Contrast Check

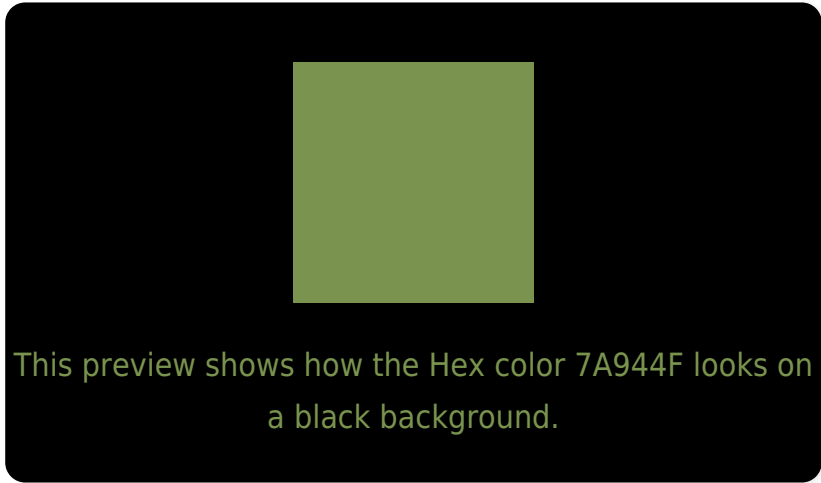
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A944F Background



This preview shows how black text looks on a background with the Hex color 7A944F.



This preview shows how white text looks on a background with the Hex color 7A944F.

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](#).

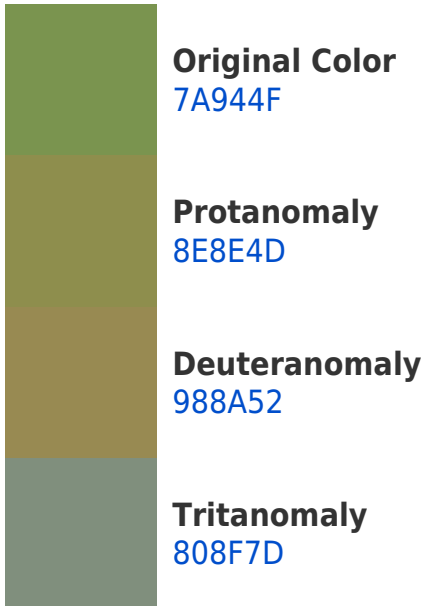
Dichromacy



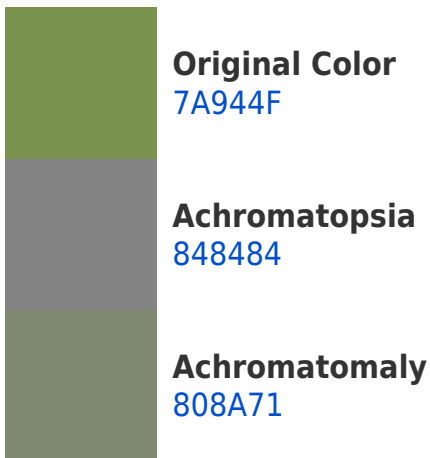


Tritanopia
848C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A944F 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 #7A944F looks like.

```
.text, #text, p{  
    color:#7A944F  
}
```

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 #7A944F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A944F
}
```

Border

The CSS property to change the border of an element to Hex 7A944F 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
#7A944F }
```

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

```
.border{ border-color:#7A944F }
```

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

Here you see how a box with a 4 pixel #7A944F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A944F; -webkit-box-shadow:4px 4px  
4px 4px #7A944F; box-shadow:4px 4px 4px  
4px #7A944F }
```

Background

The CSS property to change the background color of an element to Hex 7A944F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A944F }
```

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

```
.background{ background-color:#7A944F }
```

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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