

Converting Colors

Hex(77A94F)

Have a look what the booklet for
Hex(77A94F) contains.

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Color

Hex(77A94F)

Conversions

Conversions Part 1

Format	Color
Hex	77A94F
RGB	119, 169, 79
RGB Percent	47%, 66%, 31%
CMY	0.5333, 0.3373, 0.6902
CMYK	0.30, 0.00, 0.53, 0.34
HSL	93°, 36%, 49%
HSV	93°, 53%, 66%
XYZ	23.2070, 32.8624, 12.5171
YIQ	143.7900, -0.9100, -38.5900

Conversions

Conversions Part 2

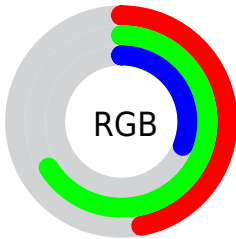
Format	Color
RYB	79, 169, 129
Decimal	7842127
CIELab	64.05, -32.53, 40.77
CIELCh	64, 52.157, 128.587
Yxy	32.8624, 0.3384, 0.4791
Android (android.graphics.Color)	4286032207 (0xFF77A94F)
YUV	143.7900, -31.9415, -21.7408
Hunter-Lab	57.3257, -28.0584, 27.1820

Details

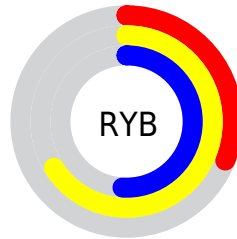
The Hex color **77A94F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **814FA9**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ADE182**, and **43741D** is the 20% darker color. If you saturate the color by 10%, you get **6EA93E**, and if you desaturate by 10%, it is **80A960**.

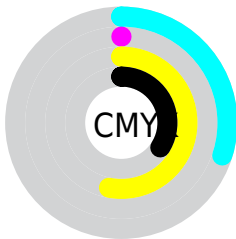
Distribution



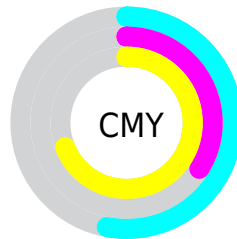
- Red (47%)
- Green (66%)
- Blue (31%)



- Red (31%)
- Yellow (66%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (53%)
- Black (34%)



- Cyan (53%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A94F 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 77A94F by changing the saturation by 10% instead.



77A94F



77A94F

FFFFFF



5D8E36



ADE182



43741D



CAFD9D



285C00



E6FFB9



0E4300



FFFFD5



002D00



FFFFF1



001700



000000



77A94F



77A94F



6EA93E



80A960

 64A92D

 8AA971

 5BA91C

 93A982

 51A90B

 9DA993

 4BA900

 A6A9A3

 AFA9B4

 B9A9C5

 C2A9D6

 CBA9E7

Harmonies

Analogous

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



A99D3A



77A94F



2AB078

Triad

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



77A94F



00A9F1



F17290

Complementary

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



77A94F



814FA9

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.



DF78BE



77A94F



5F9CF7

Square

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



77A94F



00B1D4



B08AE4



EB7C64

Rectangle

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



77A94F



00B297



B08AE4



EE739F

Sweetspot

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



77A94F



C8DBB8



A9804F



626E59



EDEDED



6E6E6E

Same Dimension

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



77A94F



8DDB4F



4FA953



4F544C



429400



091400

Inverse Universe

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



814FA9



9D4FDB



A94FA4



504C54



520094



0B0014

Previews

White Background



This preview shows how the Hex color 77A94F looks on a white background.

Color Contrast Check

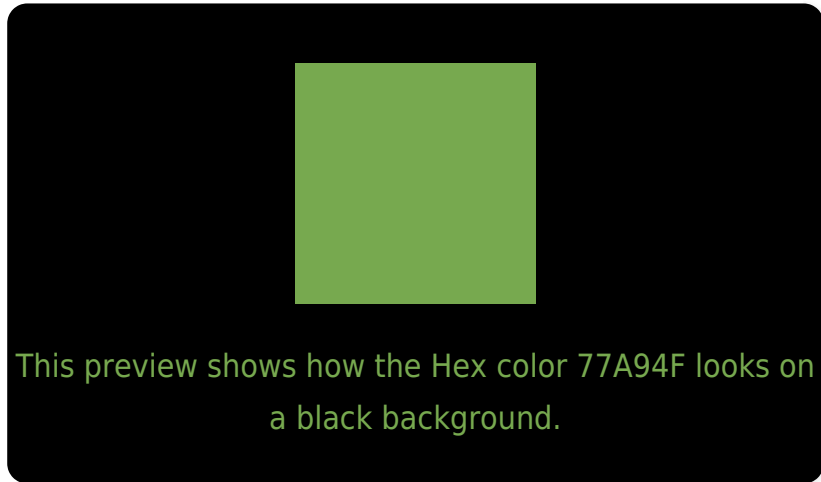
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 77A94F Background



This preview shows how black text looks on a background with the Hex color 77A94F.



This preview shows how white text looks on a background with the Hex color 77A94F.

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

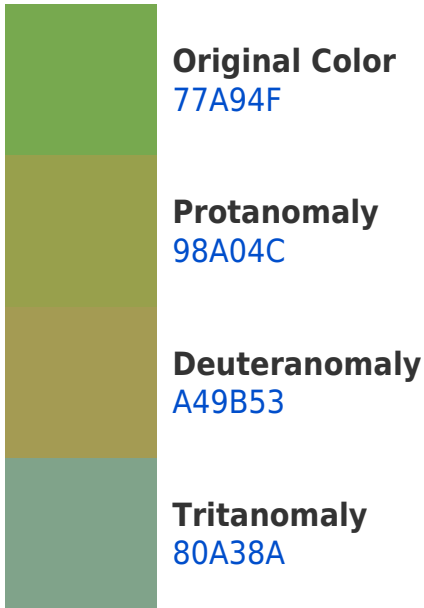


Original Color
77A94F

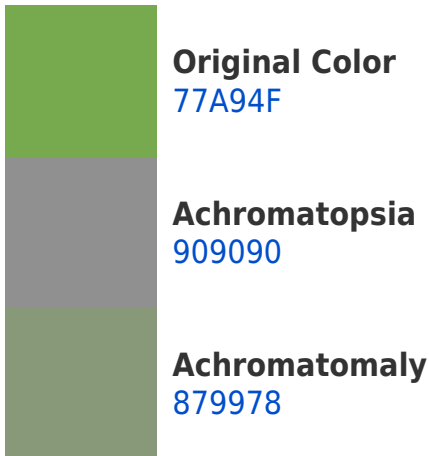
Protanopia
AB9B4A

Deuteranopia
BD9355

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A94F 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 #77A94F looks like.

```
.text, #text, p{  
    color:#77A94F  
}
```

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 #77A94F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A94F
}
```

Border

The CSS property to change the border of an element to Hex 77A94F 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
#77A94F }
```

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

```
.border{ border-color:#77A94F }
```

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

Here you see how a box with a 4 pixel #77A94F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A94F; -webkit-box-shadow:4px 4px  
4px 4px #77A94F; box-shadow:4px 4px 4px  
4px #77A94F }
```

Background

The CSS property to change the background color of an element to Hex 77A94F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A94F }
```

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

```
.background{ background-color:#77A94F }
```

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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