

# Converting Colors

Hex(77A86F)

Have a look what the booklet for  
Hex(77A86F) contains.

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# **Color**

**Hex(77A86F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77A86F
RGB	119, 168, 111
RGB Percent	47%, 66%, 44%
CMY	0.5333, 0.3412, 0.5647
CMYK	0.29, 0.00, 0.34, 0.34
HSL	112°, 25%, 55%
HSV	112°, 34%, 66%
XYZ	24.4796, 33.0749, 20.1328
YIQ	146.8510, -10.9070, -28.1150

# Conversions

## Conversions Part 2

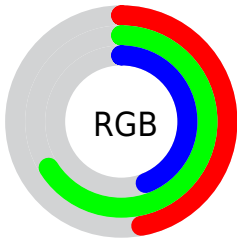
Format	Color
<a href="#">RYB</a>	<a href="#">111, 168, 160</a>
Decimal	<a href="#">7841903</a>
CIELab	<a href="#">64.22, -27.66, 24.37</a>
CIELCh	<a href="#">64, 36.867, 138.617</a>
Yxy	<a href="#">33.0749, 0.3151, 0.4257</a>
Android (android.graphics.Color)	<a href="#">4286031983</a> ( <a href="#">0xFF77A86F</a> )
YUV	<a href="#">146.8510, -17.6745, -24.4253</a>
Hunter-Lab	<a href="#">57.5108, -24.6648, 19.5019</a>

# Details

The Hex color **77A86F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A06FA8**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **ADDFA3**, and **44743E** is the 20% darker color. If you saturate the color by 10%, you get **69A85E**, and if you desaturate by 10%, it is **85A880**.

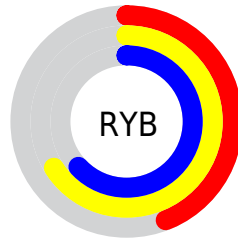
# Distribution



Red (47%)

Green (66%)

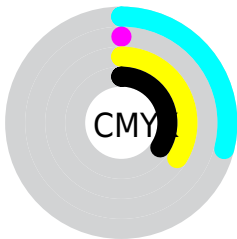
Blue (44%)



Red (44%)

Yellow (66%)

Blue (63%)

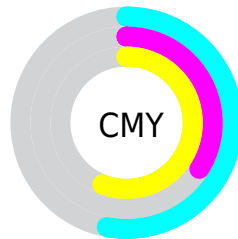


Cyan (29%)

Magenta (0%)

Yellow (34%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77A86F 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 77A86F by changing the saturation by 10% instead.





77A86F



77A86F

FFFFFF



5D8D56



ADDFA3



44743E



C8FCBE



2C5B28



E5FFDA



124312



FFFFF7



002C00



001700



000000



77A86F



77A86F



69A85E



85A880

 5AA84D

 94A891

 4CA83D

 A2A8A1

 3DA82C

 B1A8B2

 2FA81B

 BFA8C3

 20A80A

 CEA8D4

 18A800

 DCA8E5

 EBA8F5

 F9A8FF

# Harmonies

## Analogous

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



9DA05C



77A86F



4BAC8E

# Triad

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



77A86F



53A3DC



DC8388

# Complementary

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



77A86F



A06FA8

# 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.



D483AA



77A86F



8D98DA

# Square

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



77A86F



00AACC



B9CC7



D3A6C

# Rectangle

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



77A86F



26ADA4



B98CC7



DB8293



# Sweetspot

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



77A86F



C8DBC5



A89F6F



626E60



EDEDED



6E6E6E



# Same Dimension

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



77A86F



8EDB81



6FA883



4D544C



159400



031400



# Inverse Universe

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



A06FA8



CF81DB



A86F94



534C54



7F0094



120014



# Previews

## White Background



This preview shows how the Hex color 77A86F looks on a white background.

## Color Contrast Check

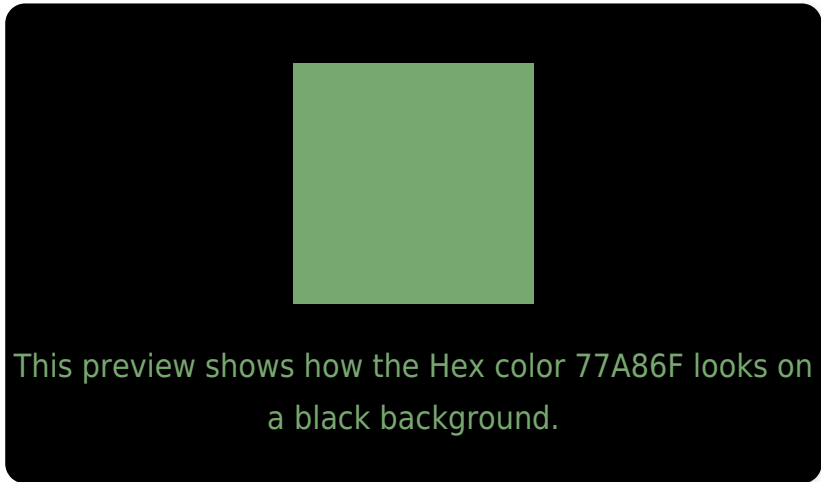
Large Text (above 18pt) WCAG AA × Fail

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

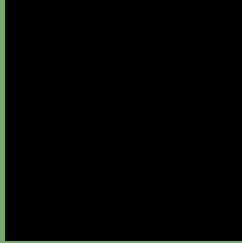
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77A86F Background



This preview shows how black text looks on a background with the Hex color 77A86F.



This preview shows how white text looks on a background with the Hex color 77A86F.

# 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**  
82A0AD

# Trichromacy



**Original Color**  
77A86F

**Protanomaly**  
96A06C

**Deuteranomaly**  
A09C72

**Tritanomaly**  
7EA396

# Monochromacy



**Original Color**  
77A86F

**Achromatopsia**  
939393

**Achromatomaly**  
899B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77A86F 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 #77A86F looks like.

```
.text, #text, p{  
    color:#77A86F  
}
```

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 #77A86F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A86F
}
```

## Border

The CSS property to change the border of an element to Hex 77A86F 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
#77A86F }
```

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

```
.border{ border-color:#77A86F }
```

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

Here you see how a box with a 4 pixel #77A86F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A86F; -webkit-box-shadow:4px 4px  
4px 4px #77A86F; box-shadow:4px 4px 4px  
4px #77A86F }
```

# Background

The CSS property to change the background color of an element to Hex 77A86F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A86F }
```

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

```
.background{ background-color:#77A86F }
```

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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