

Converting Colors

Hex(77A179)

Have a look what the booklet for
Hex(77A179) contains.

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Color

Hex(77A179)

Conversions

Conversions Part 1	
Format	Color
Hex	77A179
RGB	119, 161, 121
RGB Percent	47%, 63%, 47%
CMY	0.5333, 0.3686, 0.5255
CMYK	0.26, 0.00, 0.25, 0.37
HSL	123°, 18%, 55%
HSV	123°, 26%, 63%
XYZ	23.8038, 30.7922, 22.7780
YIQ	143.8820, -12.1920, -21.3440

Conversions

Conversions Part 2

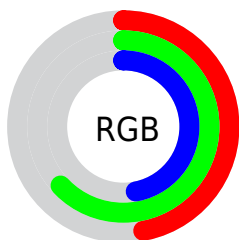
Format	Color
RYB	119, 159, 161
Decimal	7840121
CIELab	62.33, -22.47, 16.33
CIELCh	62, 27.777, 143.997
Yxy	30.7922, 0.3076, 0.3980
Android (android.graphics.Color)	4286030201 (0xFF77A179)
YUV	143.8820, -11.2808, -21.8215
Hunter-Lab	55.4907, -20.5376, 14.5059

Details

The Hex color **77A179** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A1779F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ACD8AD**, and **456D48** is the 20% darker color. If you saturate the color by 10%, you get **67A16A**, and if you desaturate by 10%, it is **87A188**.

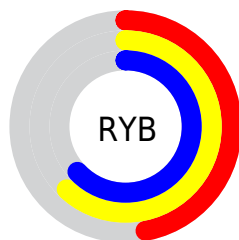
Distribution



Red (47%)

Green (63%)

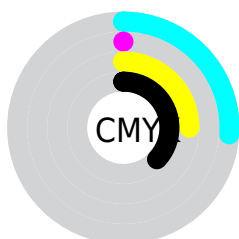
Blue (47%)



Red (47%)

Yellow (62%)

Blue (63%)

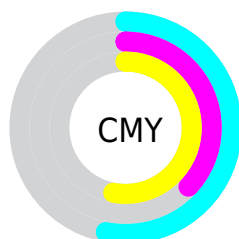


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A179 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 77A179 by changing the saturation by 10% instead.

 77A179

FFFFFF

 ACD8AD

 C8F5C9

 E4FFE5

 77A179

 5E8760

 456D48

 2D5531

 163D1C

 012704

 000F00

 000000

 77A179

 67A16A

 77A179

 87A188

 57A15A

 97A198

 47A14B

 A7A1A7

 37A13C

 B7A1B6

 27A12C

 C8A1C6

 16A11D

 D8A1D5

 06A10E

 E8A1E4

 00A108

 F8A1F4

 FFA1FF

Harmonies

Analogous

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



939B69



77A179



5BA491

Triad

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



77A179



6F9BC7



C88584

Complementary

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



77A179



A1779F

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.



C4859D



77A179



9392C4

Square

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



77A179



4FA1BE



B18AB4



BF8B70

Rectangle

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



77A179



4CA4A2



B18AB4



C8848C

Sweetspot

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



77A179



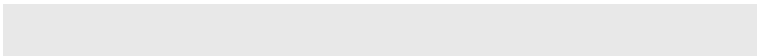
C0D1C1



A0A177



5E695F



E8E8E8



696969

Same Dimension

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



77A179



90D193



77A18D



49524A



009107



001201

Inverse Universe

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



A1779F



D190CE



A1778B



524951



91008A



120011

Previews

White Background



This preview shows how the Hex color 77A179 looks on a white background.

Color Contrast Check

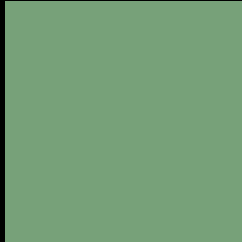
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 77A179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

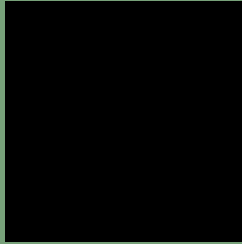
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

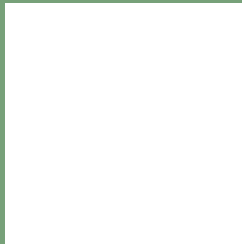
Any Text WCAG AAA ✓ Pass

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

Hex 77A179 Background



This preview shows how black text looks on a background with the Hex color 77A179.



This preview shows how white text looks on a background with the Hex color 77A179.

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
[77A179](#)

Protanopia
[A09674](#)

Deuteranopia
[AE907D](#)

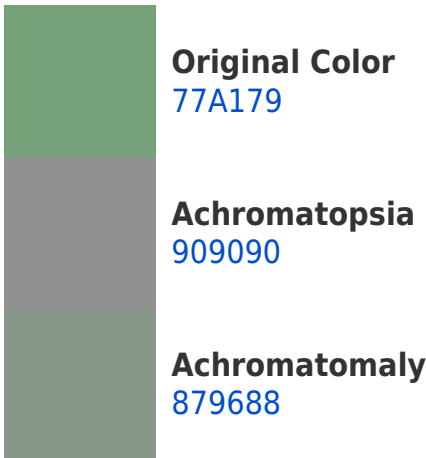


Tritanopia
7F9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A179 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 #77A179 looks like.

```
.text, #text, p{  
    color:#77A179  
}
```

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 #77A179 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A179
}
```

Border

The CSS property to change the border of an element to Hex 77A179 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
#77A179 }
```

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

```
.border{ border-color:#77A179 }
```

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

Here you see how a box with a 4 pixel #77A179 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A179; -webkit-box-shadow:4px 4px  
4px 4px #77A179; box-shadow:4px 4px 4px  
4px #77A179 }
```

Background

The CSS property to change the background color of an element to Hex 77A179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A179 }
```

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

```
.background{ background-color:#77A179 }
```

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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