

Converting Colors

Hex(77A167)

Have a look what the booklet for
Hex(77A167) contains.

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Color

Hex(77A167)

Conversions

Conversions Part 1

Format	Color
Hex	77A167
RGB	119, 161, 103
RGB Percent	47%, 63%, 40%
CMY	0.5333, 0.3686, 0.5961
CMYK	0.26, 0.00, 0.36, 0.37
HSL	103°, 24%, 52%
HSV	103°, 36%, 63%
XYZ	22.8008, 30.3909, 17.4963
YIQ	141.8300, -6.4140, -26.9420

Conversions

Conversions Part 2

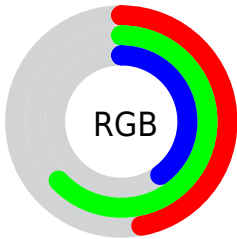
Format	Color
RYB	103, 161, 145
Decimal	7840103
CIELab	61.99, -25.49, 25.73
CIELCh	62, 36.220, 134.726
Yxy	30.3909, 0.3226, 0.4299
Android (android.graphics.Color)	4286030183 (0xFF77A167)
YUV	141.8300, -19.1432, -20.0219
Hunter-Lab	55.1280, -22.6468, 19.7724

Details

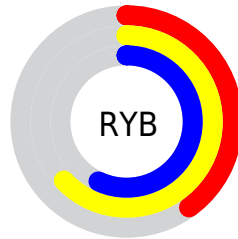
The Hex color **77A167** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9167A1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ACD89B**, and **456D37** is the 20% darker color. If you saturate the color by 10%, you get **6BA157**, and if you desaturate by 10%, it is **83A177**.

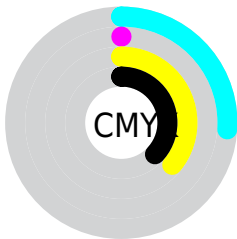
Distribution



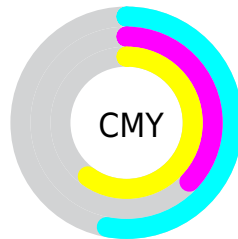
- Red (47%)
- Green (63%)
- Blue (40%)



- Red (40%)
- Yellow (63%)
- Blue (57%)



- Cyan (26%)
- Magenta (0%)
- Yellow (36%)
- Black (37%)



- Cyan (53%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A167 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 77A167 by changing the saturation by 10% instead.

 77A167

 77A167

FFFFFF

 5D874F

 ACD89B

 456D37

 C8F5B6

 2C5520

 E4FFD1

 143D0A

 FFFFEE

 002700

 000D00

 000000

 77A167

 77A167

 6BA157

 83A177

■ 60A147

■ 8EA187

■ 54A137

■ 9AA197

■ 48A127

■ A6A1A7

■ 3DA117

■ B1A1B8

■ 31A106

■ BDA1C8

■ 2CA100

■ C9A1D8

■ D4A1E8

■ E0A1F8

Harmonies

Analogous

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



9B9957



77A167



4DA684

Triad

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



77A167



469ED3



D47D87

Complementary

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



77A167



9167A1

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.



CA7EA8



77A167



8094D4

Square

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



77A167



00A4C2



AD88C4



CD836A

Rectangle

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



77A167



29A79A



AD88C4



D37C92

Sweetspot

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



77A167



C0D1BA



A19167



5F695B



E8E8E8



696969

Same Dimension

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



77A167



90D177



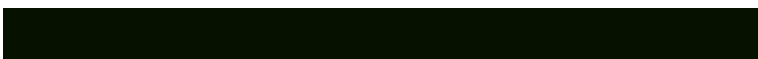
67A174



4C5249



289100



051200

Inverse Universe

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



9167A1



B877D1



A16794



4F4952



690091



0D0012

Previews

White Background



This preview shows how the Hex color 77A167 looks on a white background.

Color Contrast Check

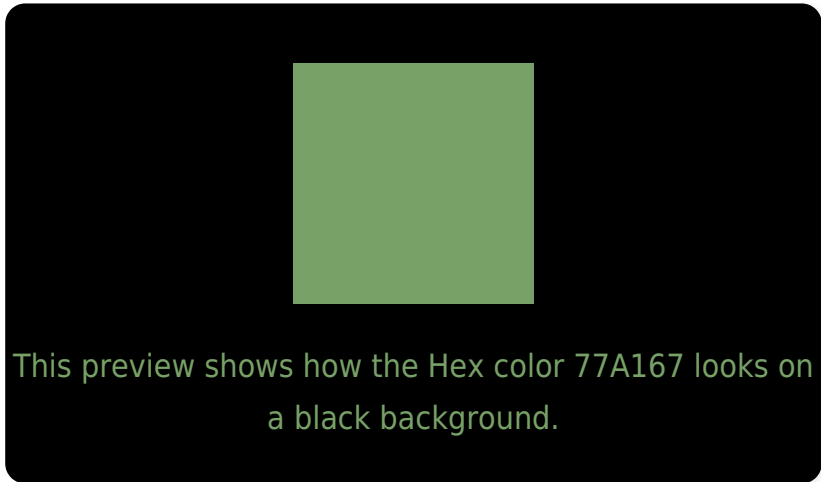
Large Text (above 18pt) WCAG AA × Fail

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

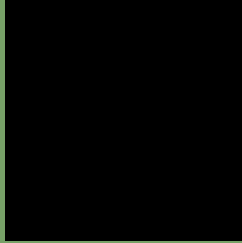
Any Text WCAG AA ✓ Pass

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 77A167 Background



This preview shows how black text looks on a background with the Hex color 77A167.

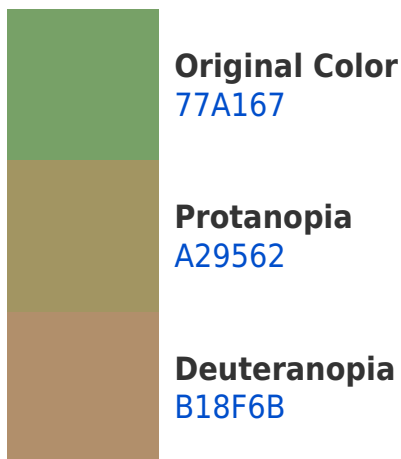


This preview shows how white text looks on a background with the Hex color 77A167.

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](#).

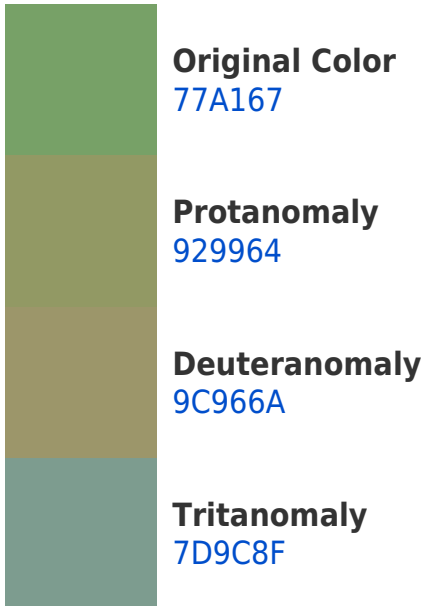
Dichromacy



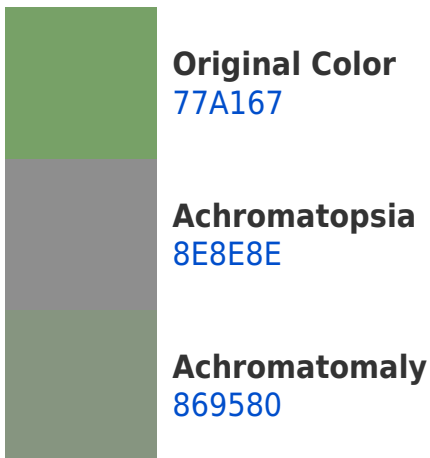


Tritanopia
8199A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A167 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 #77A167 looks like.

```
.text, #text, p{  
    color:#77A167  
}
```

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 #77A167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A167
}
```

Border

The CSS property to change the border of an element to Hex 77A167 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
#77A167 }
```

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

```
.border{ border-color:#77A167 }
```

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

Here you see how a box with a 4 pixel #77A167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A167; -webkit-box-shadow:4px 4px  
4px 4px #77A167; box-shadow:4px 4px 4px  
4px #77A167 }
```

Background

The CSS property to change the background color of an element to Hex 77A167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A167 }
```

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

```
.background{ background-color:#77A167 }
```

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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