

Converting Colors

Hex(77A368)

Have a look what the booklet for
Hex(77A368) contains.

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Color

Hex(77A368)

Conversions

Conversions Part 1

Format	Color
Hex	77A368
RGB	119, 163, 104
RGB Percent	47%, 64%, 41%
CMY	0.5333, 0.3608, 0.5922
CMYK	0.27, 0.00, 0.36, 0.36
HSL	105°, 24%, 52%
HSV	105°, 36%, 64%
XYZ	23.2036, 31.1158, 17.8797
YIQ	143.1180, -7.2850, -27.6770

Conversions

Conversions Part 2

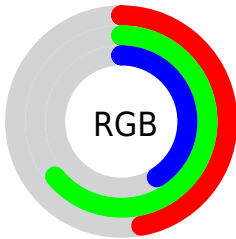
Format	Color
RYB	104, 163, 148
Decimal	7840616
CIELab	62.61, -26.32, 26.01
CIElCh	63, 37.001, 135.346
Yxy	31.1158, 0.3214, 0.4310
Android (android.graphics.Color)	4286030696 (0xFF77A368)
YUV	143.1180, -19.2852, -21.1515
Hunter-Lab	55.7815, -23.3665, 20.0428

Details

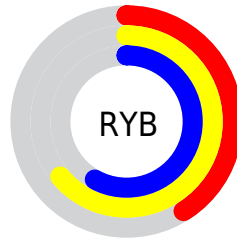
The Hex color **77A368** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9468A3**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **ACDA9C**, and **446F38** is the 20% darker color. If you saturate the color by 10%, you get **6BA358**, and if you desaturate by 10%, it is **83A378**.

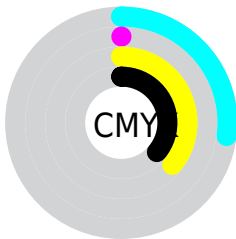
Distribution



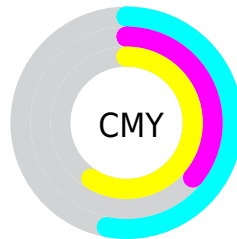
- Red (47%)
- Green (64%)
- Blue (41%)



- Red (41%)
- Yellow (64%)
- Blue (58%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (53%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A368 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 77A368 by changing the saturation by 10% instead.



77A368



77A368

FFFFFF



5D894F



ACDA9C



446F38



C8F7B7



2C5621



E5FFD3



133F0B



FFFFEF



002800



001100



000000



77A368



77A368



6BA358



83A378

 5FA347

 8FA389

 53A337

 9BA399

 46A327

 A8A3A9

 3AA316

 B4A3BA

 2EA306

 C0A3CA

 29A300

 CCA3DA

 D8A3EA

 E4A3FB

Harmonies

Analogous

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



9C9B57



77A368



4BA886

Triad

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



77A368



469FD6



D77E88

Complementary

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



77A368



9468A3

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.



CD7FA9



77A368



8295D7

Square

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



77A368



00A6C5



B089C6



D0856A

Rectangle

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



77A368



25A99C



B089C6



D67D93

Sweetspot

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



77A368



C2D4BC



A39368



616B5D



EBEBEB



6B6B6B

Same Dimension

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



77A368



90D479



68A376



4C5249



259100



051200

Inverse Universe

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



9468A3



BD79D4



A36895



504952



6C0091



0D0012

Previews

White Background



This preview shows how the Hex color 77A368 looks on a white background.

Color Contrast Check

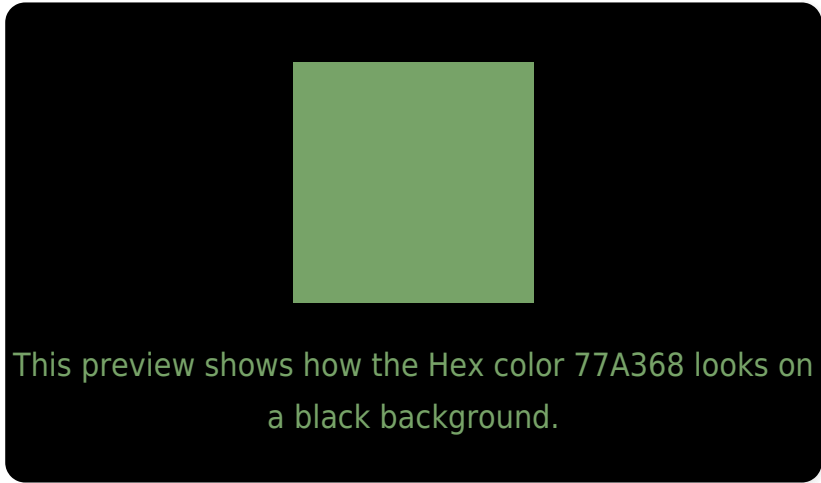
Large Text (above 18pt) WCAG AA × Fail

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

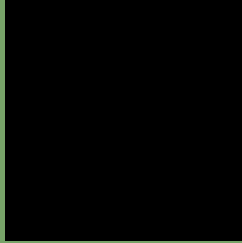
Any Text WCAG AA ✓ Pass

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 77A368 Background



This preview shows how black text looks on a background with the Hex color 77A368.



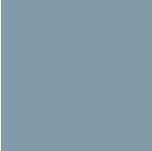
This preview shows how white text looks on a background with the Hex color 77A368.

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



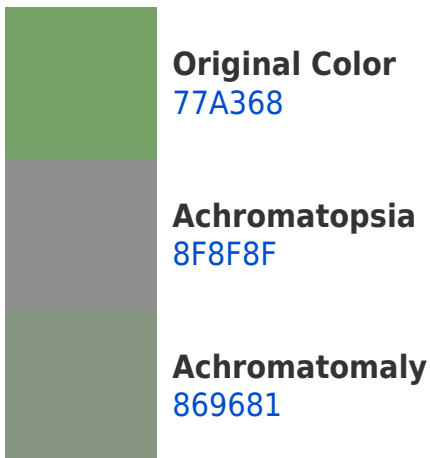


Tritanopia
829BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A368 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 #77A368 looks like.

```
.text, #text, p{  
    color:#77A368  
}
```

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 #77A368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A368
}
```

Border

The CSS property to change the border of an element to Hex 77A368 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
#77A368 }
```

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

```
.border{ border-color:#77A368 }
```

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

Here you see how a box with a 4 pixel #77A368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A368; -webkit-box-shadow:4px 4px  
4px 4px #77A368; box-shadow:4px 4px 4px  
4px #77A368 }
```

Background

The CSS property to change the background color of an element to Hex 77A368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A368 }
```

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

```
.background{ background-color:#77A368 }
```

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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