

Converting Colors

Hex(77A408)

Have a look what the booklet for
Hex(77A408) contains.

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Color

Hex(77A408)

Conversions

Conversions Part 1

Format	Color
Hex	77A408
RGB	119, 164, 8
RGB Percent	47%, 64%, 3%
CMY	0.5333, 0.3569, 0.9686
CMYK	0.27, 0.00, 0.95, 0.36
HSL	77°, 91%, 34%
HSV	77°, 95%, 64%
XYZ	20.9270, 30.4904, 5.0120
YIQ	132.7610, 23.2560, -58.0560

Conversions

Conversions Part 2

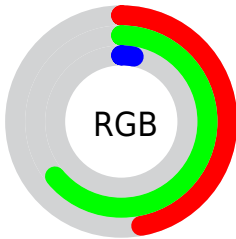
Format	Color
RYB	8, 164, 53
Decimal	7840776
CIELab	62.08, -34.61, 62.94
CIELCh	62, 71.824, 118.807
Yxy	30.4904, 0.3709, 0.5403
Android (android.graphics.Color)	4286030856 (0xFF77A408)
YUV	132.7610, -61.5072, -12.0684
Hunter-Lab	55.2181, -28.9822, 33.2711

Details

The Hex color **77A408** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3508A4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AFDB4D**, and **407000** is the 20% darker color. If you saturate the color by 10%, you get **75A400**, and if you desaturate by 10%, it is **7CA418**.

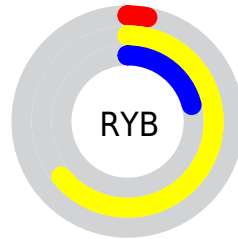
Distribution



Red (47%)

Green (64%)

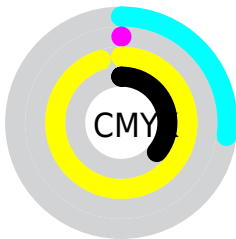
Blue (3%)



Red (3%)

Yellow (64%)

Blue (21%)

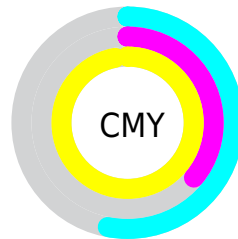


Cyan (27%)

Magenta (0%)

Yellow (95%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A408 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 77A408 by changing the saturation by 10% instead.



77A408



77A408

FFFFFF



5B8A00



AFDB4D



407000



CCF868



245700



EAFF84



003F00



FFFFA0



002900



FFFFBC



000E00



FFFFD9



000000



FFFFF6



77A408



77A408

■ 75A400

■ 7CA418

■ 80A429

■ 85A439

■ 8AA44A

■ 8FA45A

■ 93A46A

■ 98A47B

■ 9DA48B

■ A2A49C

Harmonies

Analogous

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



B69200



77A408



00AE50

Triad

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



77A408



00ADFF



FF529B

Complementary

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



77A408



3508A4

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.



DF67D9



77A408



009FFF

Square

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



77A408



00B3D2



8D86FF



FF5C5D

Rectangle

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



77A408



00B27B



8D86FF



FC56B1

Sweetspot

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



77A408



C4D698



A43408



606B46



EBEBEB



6B6B6B

Same Dimension

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



77A408



98D600



2AA408



4F5249



679100



0D1200

Inverse Universe

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



3508A4



3E00D6



8208A4



4C4952



2A0091



050012

Previews

White Background



This preview shows how the Hex color 77A408 looks on a white background.

Color Contrast Check

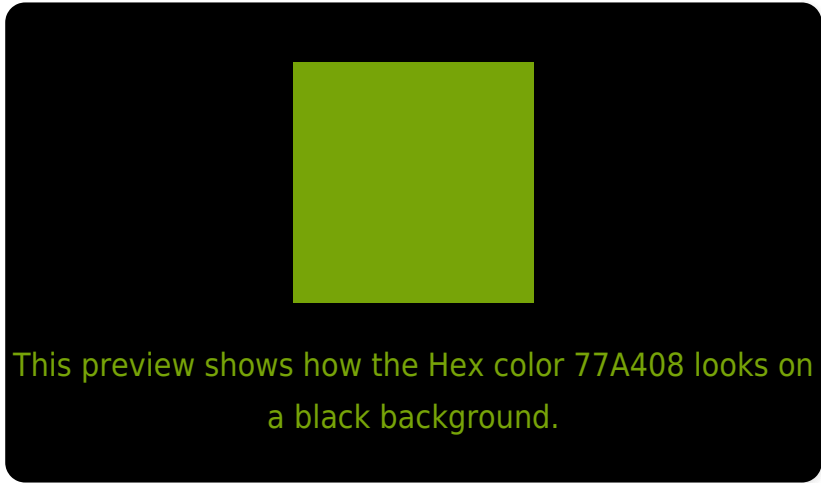
Large Text (above 18pt) WCAG AA × Fail

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 77A408 Background



This preview shows how black text looks on a background with the Hex color 77A408.

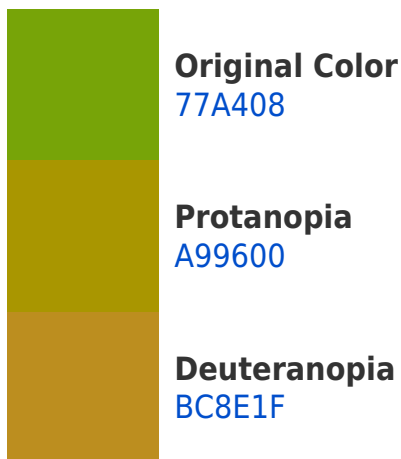


This preview shows how white text looks on a background with the Hex color 77A408.

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
8698A5

Trichromacy



Original Color
77A408

Protanomaly
979B03

Deuteranomaly
A39617

Tritanomaly
819C6C

Monochromacy



Original Color
77A408

Achromatopsia
858585

Achromatomaly
809058

CSS Examples

Text

The CSS property to change the color of the text to Hex 77A408 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 #77A408 looks like.

```
.text, #text, p{  
    color:#77A408  
}
```

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 #77A408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A408
}
```

Border

The CSS property to change the border of an element to Hex 77A408 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
#77A408 }
```

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

```
.border{ border-color:#77A408 }
```

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

Here you see how a box with a 4 pixel #77A408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A408; -webkit-box-shadow:4px 4px  
4px 4px #77A408; box-shadow:4px 4px 4px  
4px #77A408 }
```

Background

The CSS property to change the background color of an element to Hex 77A408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A408 }
```

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

```
.background{ background-color:#77A408 }
```

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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