

Converting Colors

Hex(77A130)

Have a look what the booklet for
Hex(77A130) contains.

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Color

Hex(77A130)

Conversions

Conversions Part 1

Format	Color
Hex	77A130
RGB	119, 161, 48
RGB Percent	47%, 63%, 19%
CMY	0.5333, 0.3686, 0.8118
CMYK	0.26, 0.00, 0.70, 0.37
HSL	82°, 54%, 41%
HSV	82°, 70%, 63%
XYZ	20.8861, 29.6251, 7.4137
YIQ	135.5600, 11.2410, -44.0470

Conversions

Conversions Part 2

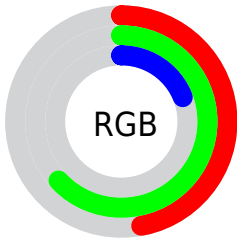
Format	Color
RYB	48, 161, 90
Decimal	7840048
CIELab	61.33, -31.59, 51.66
CIElCh	61, 60.553, 121.449
Yxy	29.6251, 0.3606, 0.5114
Android (android.graphics.Color)	4286030128 (0xFF77A130)
YUV	135.5600, -43.1671, -14.5231
Hunter-Lab	54.4289, -26.7545, 30.0244

Details

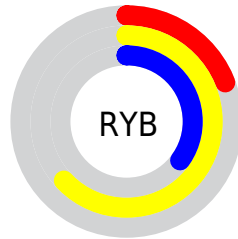
The Hex color **77A130** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A30A1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AED865**, and **426D00** is the 20% darker color. If you saturate the color by 10%, you get **71A120**, and if you desaturate by 10%, it is **7DA140**.

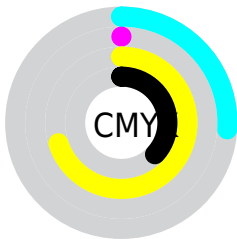
Distribution



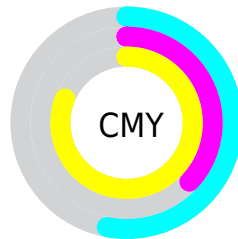
- Red (47%)
- Green (63%)
- Blue (19%)



- Red (19%)
- Yellow (63%)
- Blue (35%)



- Cyan (26%)
- Magenta (0%)
- Yellow (70%)
- Black (37%)



- Cyan (53%)
- Magenta (37%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A130 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 77A130 by changing the saturation by 10% instead.

 77A130

 77A130

FFFFFF

 5C8712

 AED865

 426D00

 CBF57F

 285400

 E8FF9B

 073D00

 FFFFB6

 002700

 FFFFD3

 000900

 FFFFEE

 000000

 77A130

 77A130

 71A120

 7DA140

 6BA110

 83A150

 65A100

 89A160

 8FA170

 95A181

 9BA191

 A1A1A1

 A7A1B1

 ADA1C1

Harmonies

Analogous

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



AD921A



77A130



18AA5E

Triad

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



77A130



00A7F2



F36194

Complementary

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



77A130



5A30A1

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.



D76EC8



77A130



0099FF

Square

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



77A130



00ADCB



9885F0



F1695F

Rectangle

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



77A130



00AD82



9885F0



ED63A6

Sweetspot

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



77A130



C1D1A5



A15930



5F694E



E8E8E8



696969

Same Dimension

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



77A130



90D121



3FA130



4F5249



5B9100



0B1200

Inverse Universe

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



5A30A1



6321D1



9230A1



4C4952



360091



070012

Previews

White Background



This preview shows how the Hex color 77A130 looks on a white background.

Color Contrast Check

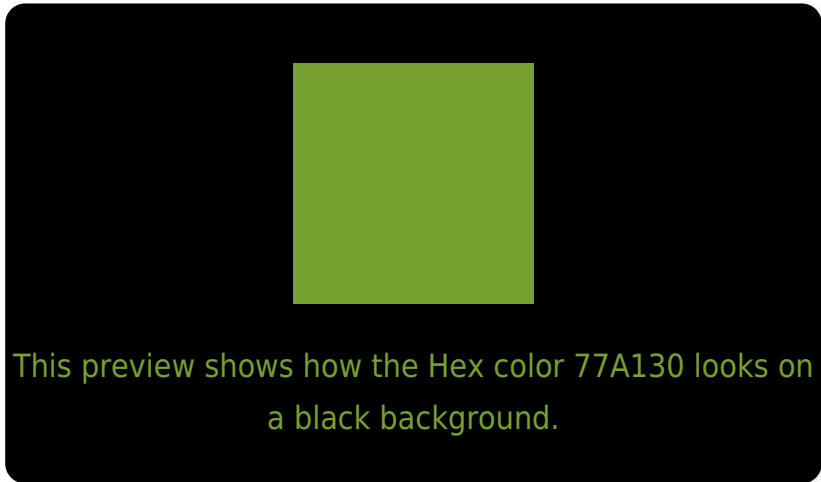
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 77A130 Background



This preview shows how black text looks on a background with the Hex color 77A130.

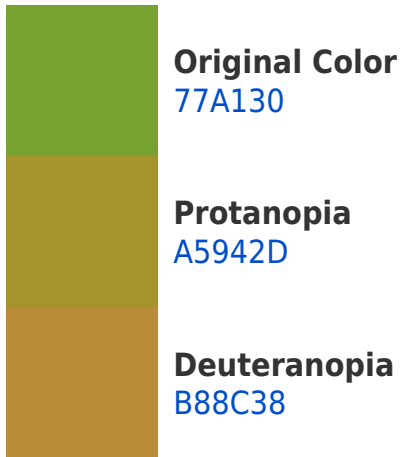


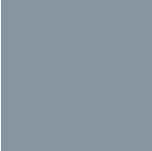
This preview shows how white text looks on a background with the Hex color 77A130.

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](#).

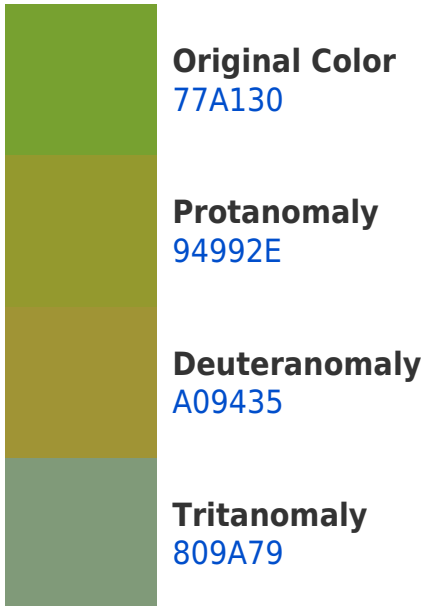
Dichromacy



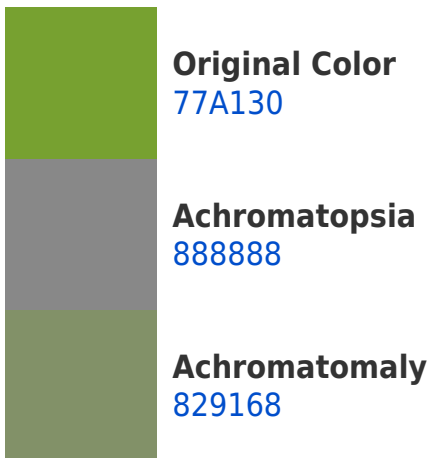


Tritanopia
8596A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A130 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 #77A130 looks like.

```
.text, #text, p{  
    color:#77A130  
}
```

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 #77A130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A130
}
```

Border

The CSS property to change the border of an element to Hex 77A130 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
#77A130 }
```

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

```
.border{ border-color:#77A130 }
```

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

Here you see how a box with a 4 pixel #77A130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A130; -webkit-box-shadow:4px 4px  
4px 4px #77A130; box-shadow:4px 4px 4px  
4px #77A130 }
```

Background

The CSS property to change the background color of an element to Hex 77A130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A130 }
```

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

```
.background{ background-color:#77A130 }
```

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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