

Converting Colors

Hex(77A629)

Have a look what the booklet for
Hex(77A629) contains.

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Color

Hex(77A629)

Conversions

Conversions Part 1

Format	Color
Hex	77A629
RGB	119, 166, 41
RGB Percent	47%, 65%, 16%
CMY	0.5333, 0.3490, 0.8392
CMYK	0.28, 0.00, 0.75, 0.35
HSL	83°, 60%, 41%
HSV	83°, 75%, 65%
XYZ	21.6442, 31.3545, 7.0091
YIQ	137.6970, 12.1130, -48.8390

Conversions

Conversions Part 2

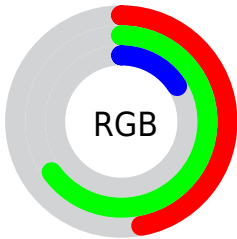
Format	Color
RYB	41, 166, 88
Decimal	7841321
CIELab	62.81, -34.35, 55.72
CIELCh	63, 65.454, 121.653
Yxy	31.3545, 0.3607, 0.5225
Android (android.graphics.Color)	4286031401 (0xFF77A629)
YUV	137.6970, -47.6716, -16.3973
Hunter-Lab	55.9951, -28.9944, 31.7750

Details

The Hex color **77A629** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5829A6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **AFDD60**, and **417200** is the 20% darker color. If you saturate the color by 10%, you get **71A618**, and if you desaturate by 10%, it is **7DA63A**.

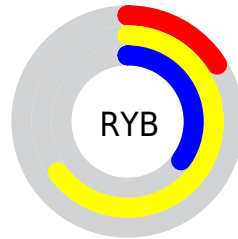
Distribution



Red (47%)

Green (65%)

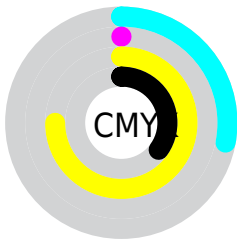
Blue (16%)



Red (16%)

Yellow (65%)

Blue (35%)

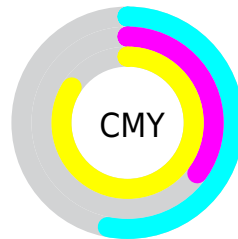


Cyan (28%)

Magenta (0%)

Yellow (75%)

Black (35%)



Cyan (53%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A629 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 77A629 by changing the saturation by 10% instead.

 77A629

 77A629

FFFFFF

 5C8B03

 AFDD60

 417200

 CBFA7B

 265900

 E8FF96

 014100

 FFFFB2

 002B00

 FFFFCE

 001200

 FFFFEB

 000000

 77A629

 77A629

 71A618

 7DA63A

 6BA608

 83A64A

 68A600

 8AA65B

 90A66B

 96A67C

 9CA68D

 A3A69D

 A9A6AE

 AFA6BE

Harmonies

Analogous

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



B29609



77A629



00AF5E

Triad

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



77A629



00ACFE



FE5E97

Complementary

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



77A629



5829A6

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.



E06DD0



77A629



009EFF

Square

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



77A629



00B2D4



9C87FC



FC685E

Rectangle

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



77A629



00B285



9C87FC



F860AB

Sweetspot

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



77A629



C6D9A7



A65729



626E4F



EDEDED



6E6E6E

Same Dimension

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



77A629



8FD916



3AA629



51544C



5C9400



0D1400

Inverse Universe

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



5829A6



5F16D9



9529A6



4F4C54



380094



080014

Previews

White Background



This preview shows how the Hex color 77A629 looks on a white background.

Color Contrast Check

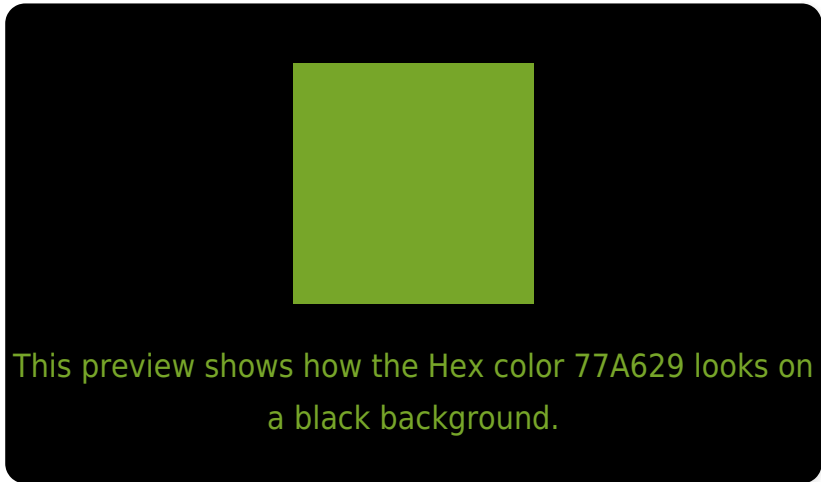
Large Text (above 18pt) WCAG AA × Fail

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 77A629 Background



This preview shows how black text looks on a background with the Hex color 77A629.

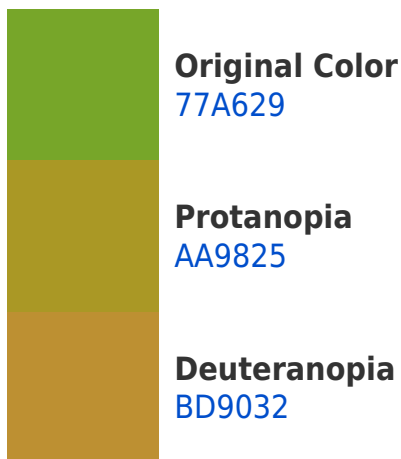


This preview shows how white text looks on a background with the Hex color 77A629.

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](#).

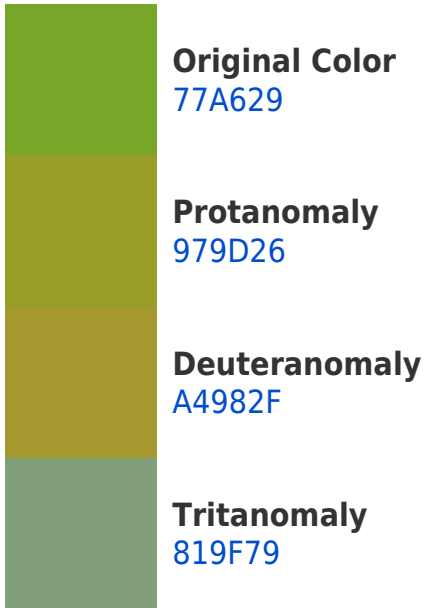
Dichromacy



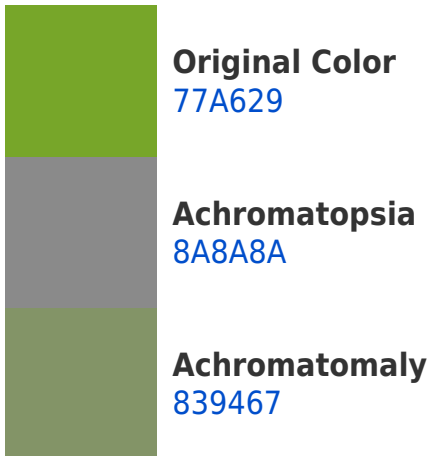


Tritanopia
869BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A629 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 #77A629 looks like.

```
.text, #text, p{  
    color:#77A629  
}
```

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 #77A629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A629
}
```

Border

The CSS property to change the border of an element to Hex 77A629 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
#77A629 }
```

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

```
.border{ border-color:#77A629 }
```

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

Here you see how a box with a 4 pixel #77A629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A629; -webkit-box-shadow:4px 4px  
4px 4px #77A629; box-shadow:4px 4px 4px  
4px #77A629 }
```

Background

The CSS property to change the background color of an element to Hex 77A629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A629 }
```

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

```
.background{ background-color:#77A629 }
```

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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