

# Converting Colors

Hex(78A04A)

Have a look what the booklet for  
Hex(78A04A) contains.

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**Color**

**Hex(78A04A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78A04A
RGB	120, 160, 74
RGB Percent	47%, 63%, 29%
CMY	0.5294, 0.3725, 0.7098
CMYK	0.25, 0.00, 0.54, 0.37
HSL	88°, 37%, 46%
HSV	88°, 54%, 63%
XYZ	21.5526, 29.6291, 11.0616
YIQ	138.2360, 3.7660, -35.2260

# Conversions

## Conversions Part 2

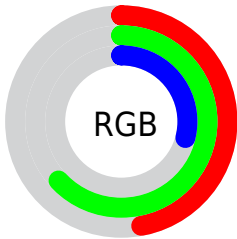
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 160, 114
Decimal	7905354
CIELab	61.33, -28.43, 40.01
CIElCh	61, 49.084, 125.398
Yxy	29.6291, 0.3463, 0.4760
Android (android.graphics.Color)	4286095434 (0xFF78A04A)
YUV	138.2360, -31.6683, -15.9930
Hunter-Lab	54.4326, -24.5801, 26.0541

# Details

The Hex color **78A04A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **724AA0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **AED77D**, and **446C18** is the 20% darker color. If you saturate the color by 10%, you get **71A03A**, and if you desaturate by 10%, it is **7FA05A**.

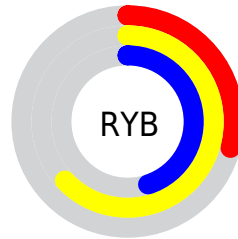
# Distribution



Red (47%)

Green (63%)

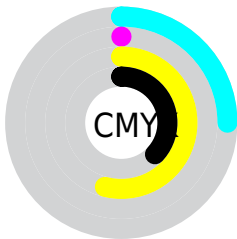
Blue (29%)



Red (29%)

Yellow (63%)

Blue (45%)

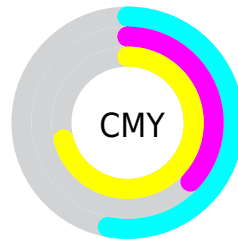


Cyan (25%)

Magenta (0%)

Yellow (54%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78A04A 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 78A04A by changing the saturation by 10% instead.





78A04A



78A04A

FFFFFF



5E8631



AED77D



446C18



CAF398



2B5400



E7FFB3



123C00



FFFFCF



002600



FFFFEB



000900



000000



78A04A



78A04A



71A03A



7FA05A

 69A02A

 87A06A

 62A01A

 8EA07A

 5AA00A

 96A08A

 56A000

 9DA09A

 A5A0AA

 ACA0BA

 B4A0CA

 BBA0DA

# Harmonies

## Analogous

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



A69439



78A04A



38A76E

# Triad

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



78A04A



00A2E2



E46E8E

# Complementary

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



78A04A



724AA0

# 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.



D075B9



78A04A



5296EA

# Square

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



78A04A



00A8C5



A185DB



E07564

# Rectangle

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



78A04A



00A98C



A185DB



E06F9D



# Sweetspot

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



78A04A



C2D1B0



A0714A



5F6955



E8E8E8



696969



# Same Dimension

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



78A04A



92D149



4EA04A



4B4F47



4C8F00



080F00



# Inverse Universe

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



724AA0



8849D1



9C4AA0



4B474F



42008F



07000F



# Previews

## White Background



This preview shows how the Hex color 78A04A looks on a white background.

## Color Contrast Check

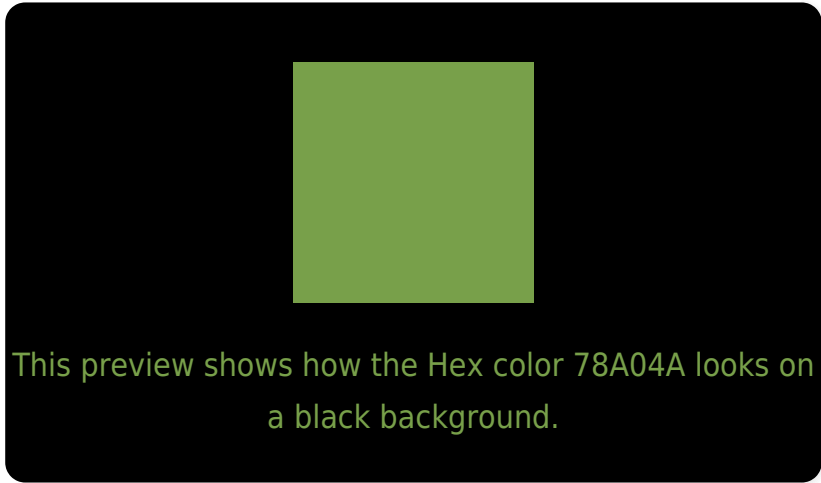
Large Text (above 18pt) WCAG AA ✓ Pass

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 78A04A Background



This preview shows how black text looks on a background with the Hex color 78A04A.

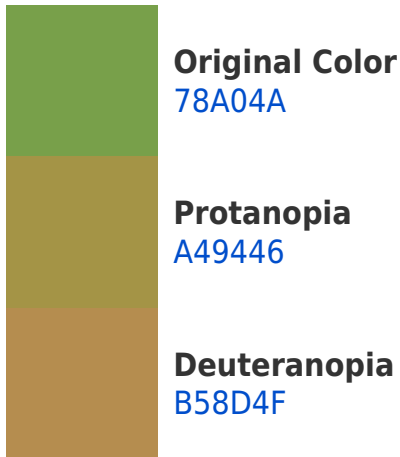


This preview shows how white text looks on a background with the Hex color 78A04A.

# 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](#).

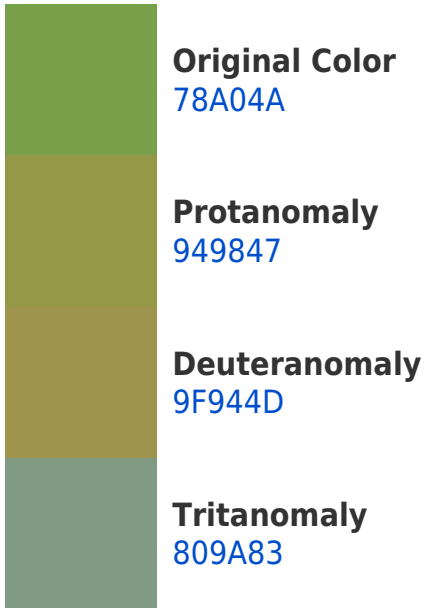
## Dichromacy



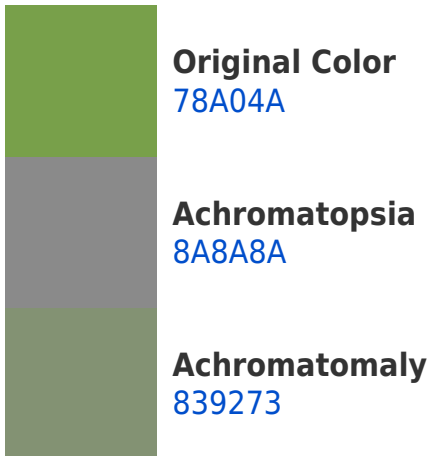


**Tritanopia**  
8497A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78A04A 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 #78A04A looks like.

```
.text, #text, p{  
    color:#78A04A  
}
```

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 #78A04A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A04A
}
```

## Border

The CSS property to change the border of an element to Hex 78A04A 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
#78A04A }
```

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

```
.border{ border-color:#78A04A }
```

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

Here you see how a box with a 4 pixel #78A04A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A04A; -webkit-box-shadow:4px 4px  
4px 4px #78A04A; box-shadow:4px 4px 4px  
4px #78A04A }
```

# Background

The CSS property to change the background color of an element to Hex 78A04A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A04A }
```

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

```
.background{ background-color:#78A04A }
```

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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