

# Converting Colors

Hex(75904A)

Have a look what the booklet for  
Hex(75904A) contains.

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**Color**

**Hex(75904A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75904A
RGB	117, 144, 74
RGB Percent	46%, 56%, 29%
CMY	0.5412, 0.4353, 0.7098
CMYK	0.19, 0.00, 0.49, 0.44
HSL	83°, 32%, 43%
HSV	83°, 49%, 56%
XYZ	18.5454, 24.2228, 10.1766
YIQ	127.9470, 6.3780, -27.4940

# Conversions

## Conversions Part 2

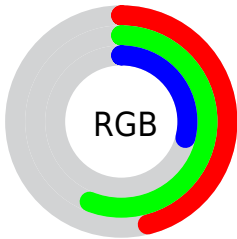
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 144, 101
Decimal	7704650
CIELab	56.31, -21.68, 33.91
CIElCh	56, 40.247, 122.591
Yxy	24.2228, 0.3503, 0.4575
Android (android.graphics.Color)	4285894730 (0xFF75904A)
YUV	127.9470, -26.5959, -9.6005
Hunter-Lab	49.2167, -18.8684, 22.1922

# Details

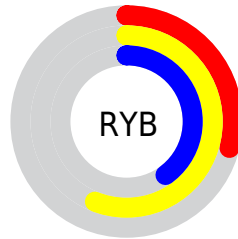
The Hex color **75904A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **654A90**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AAC67C**, and **435D1A** is the 20% darker color. If you saturate the color by 10%, you get **6F903C**, and if you desaturate by 10%, it is **7B9058**.

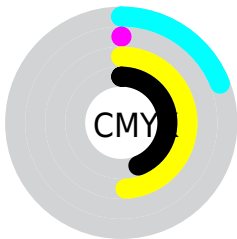
# Distribution



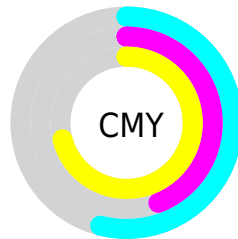
- Red (46%)
- Green (56%)
- Blue (29%)



- Red (29%)
- Yellow (56%)
- Blue (40%)



- Cyan (19%)
- Magenta (0%)
- Yellow (49%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75904A 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 75904A by changing the saturation by 10% instead.



 75904A

 75904A

FFFFFF

 5B7632

 AAC67C

 435D1A

 C6E297

 2B4601

 E3FFB2

 142F00

 FFFFCD

 001C00

 FFFFEA

 000000

 75904A

 75904A

 6F903C

 7B9058

 6A902D

 809067

■ 64901F

■ 869075

■ 5F9010

■ 8B9084

■ 599002

■ 919092

■ 589000

■ 9690A0

■ 9C90AF

■ A190BD

■ A790CC

# Harmonies

## Analogous

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



99863F



75904A



489666

# Triad

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



75904A



0093C4



C86A85

# Complementary

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



75904A



654A90

# 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.



B570A8



75904A



518ACD

# Square

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



75904A



0098AC



8E7DC2



C76E63

# Rectangle

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



75904A



13987D



8E7DC2



C46B91



# Sweetspot

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



75904A



AFBA9E



90654A



585E4D



DEDEDE



5E5E5E



# Same Dimension

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



75904A



91BA4E



52904A



454740



538700



050800



# Inverse Universe

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



654A90



784EBA



884A90



434047



340087



030008



# Previews

## White Background



This preview shows how the Hex color 75904A looks on a white background.

## Color Contrast Check

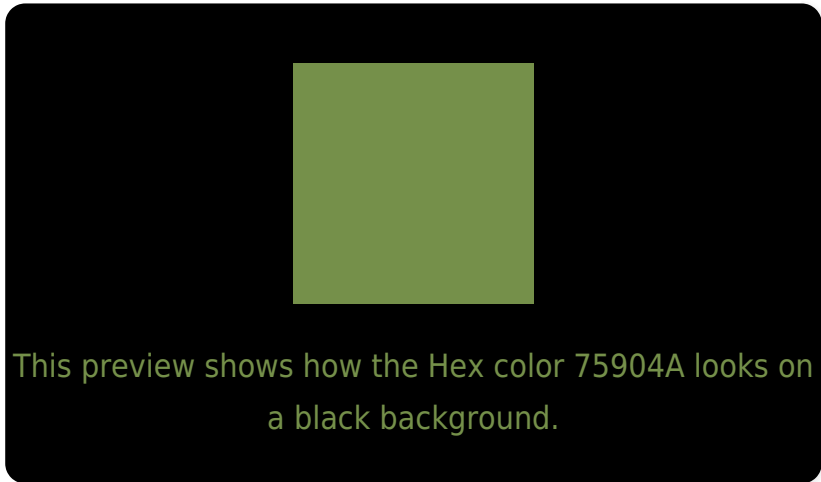
Large Text (above 18pt) WCAG AA ✓ Pass

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 75904A Background



This preview shows how black text looks on a background with the Hex color 75904A.

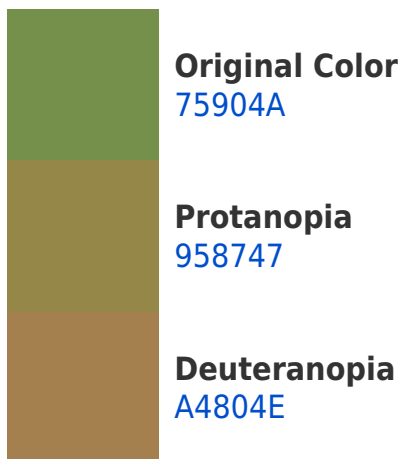


This preview shows how white text looks on a background with the Hex color 75904A.

# 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**  
7F8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75904A 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 #75904A looks like.

```
.text, #text, p{  
    color:#75904A  
}
```

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 #75904A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75904A
}
```

## Border

The CSS property to change the border of an element to Hex 75904A 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
#75904A }
```

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

```
.border{ border-color:#75904A }
```

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

Here you see how a box with a 4 pixel #75904A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75904A; -webkit-box-shadow:4px 4px  
4px 4px #75904A; box-shadow:4px 4px 4px  
4px #75904A }
```

# Background

The CSS property to change the background color of an element to Hex 75904A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75904A }
```

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

```
.background{ background-color:#75904A }
```

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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