

# Converting Colors

Hex(74A75D)

Have a look what the booklet for  
Hex(74A75D) contains.

<b>Hex(74A75D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(74A75D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74A75D
RGB	116, 167, 93
RGB Percent	45%, 65%, 36%
CMY	0.5451, 0.3451, 0.6353
CMYK	0.31, 0.00, 0.44, 0.35
HSL	101°, 30%, 51%
HSV	101°, 44%, 65%
XYZ	22.9970, 32.1408, 15.3476
YIQ	143.3150, -6.6420, -33.8260

# Conversions

## Conversions Part 2

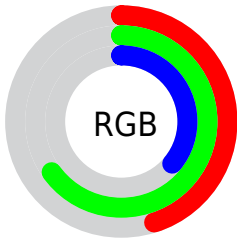
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 167, 144
Decimal	7645021
CIELab	63.46, -30.93, 32.91
CIELCh	63, 45.167, 133.223
Yxy	32.1408, 0.3263, 0.4560
Android (android.graphics.Color)	4285835101 (0xFF74A75D)
YUV	143.3150, -24.8053, -23.9553
Hunter-Lab	56.6928, -26.8054, 23.6342

# Details

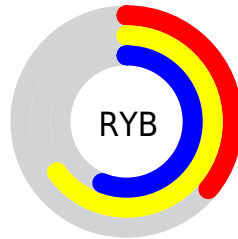
The Hex color **74A75D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **905DA7**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AADE90**, and **41732D** is the 20% darker color. If you saturate the color by 10%, you get **68A74C**, and if you desaturate by 10%, it is **80A76E**.

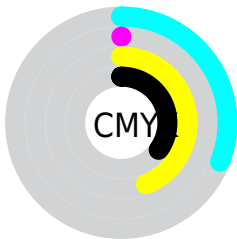
# Distribution



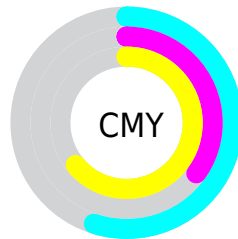
- Red (45%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (56%)



- Cyan (31%)
- Magenta (0%)
- Yellow (44%)
- Black (35%)



- Cyan (55%)
- Magenta (35%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74A75D 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 74A75D by changing the saturation by 10% instead.



 74A75D

 74A75D

FFFFFF

 5A8C44

 AADE90

 41732D

 C6FBAB

 275A15

 E2FFC7

 0B4200

 FFFFE3

 002B00

 001400

 000000

 74A75D

 74A75D

 68A74C

 80A76E

 5DA73C

 8BA77E

 51A72B

 97A78F

 46A71A

 A2A7A0

 3AA709

 AEA7B0

 34A700

 B9A7C1

 C5A7D2

 D0A7E3

 DCA7F3

# Harmonies

## Analogous

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



A19D49



74A75D



36AD81

# Triad

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



74A75D



00A4E6



E67889

# Complementary

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



74A75D



905DA7

# 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.



D97BB2



74A75D



7798E8

# Square

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



74A75D



00ACD0



B488D5



DE8164

# Rectangle

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



74A75D



00AE9D



B488D5



E47897



# Sweetspot

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



74A75D



C5D9BD



A7905D



626E5C



EDEDED



6E6E6E



# Same Dimension

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



74A75D



8AD966



5DA76B



4E544C



2E9400



061400



# Inverse Universe

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



905DA7



B566D9



A75D99



524C54



660094



0E0014



# Previews

## White Background



This preview shows how the Hex color 74A75D looks on a white background.

## Color Contrast Check

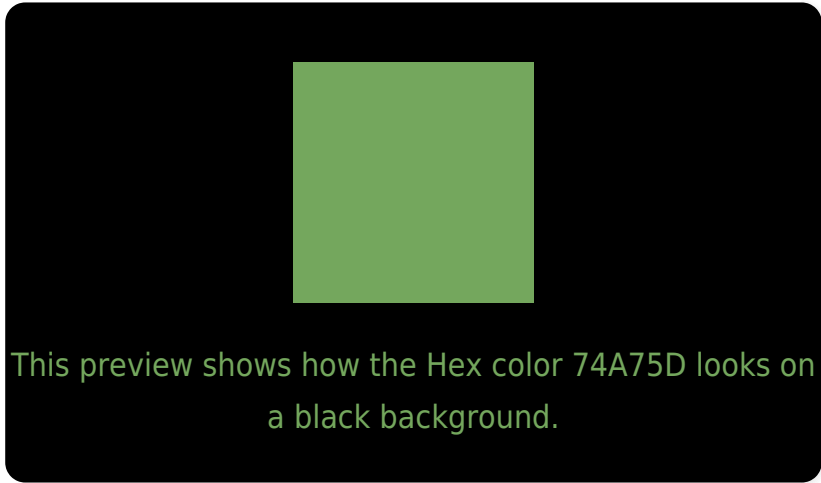
Large Text (above 18pt) WCAG AA × Fail

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 74A75D Background



This preview shows how black text looks on a background with the Hex color 74A75D.

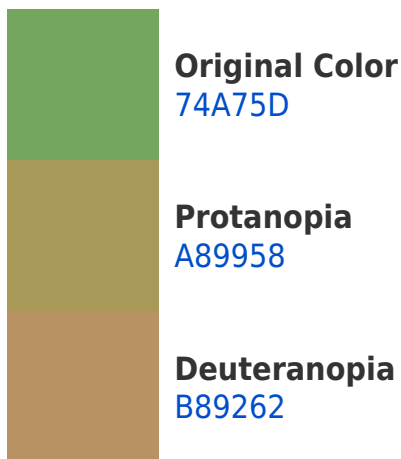


This preview shows how white text looks on a background with the Hex color 74A75D.

# 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](#).

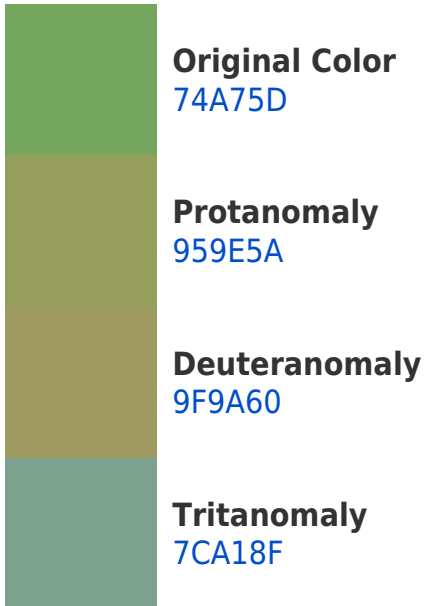
## Dichromacy



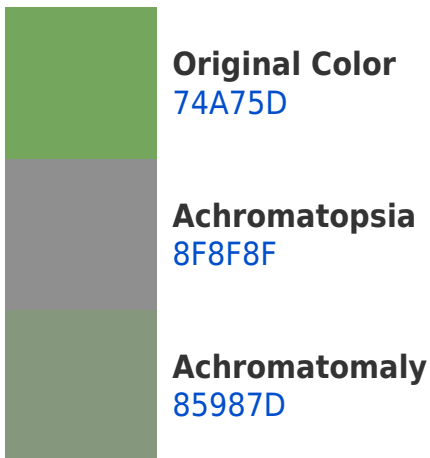


**Tritanopia**  
819EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74A75D 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 #74A75D looks like.

```
.text, #text, p{  
    color:#74A75D  
}
```

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 #74A75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A75D
}
```

## Border

The CSS property to change the border of an element to Hex 74A75D 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
#74A75D }
```

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

```
.border{ border-color:#74A75D }
```

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

Here you see how a box with a 4 pixel #74A75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A75D; -webkit-box-shadow:4px 4px  
4px 4px #74A75D; box-shadow:4px 4px 4px  
4px #74A75D }
```

# Background

The CSS property to change the background color of an element to Hex 74A75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A75D }
```

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

```
.background{ background-color:#74A75D }
```

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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