

Converting Colors

Hex(74BA5D)

Have a look what the booklet for
Hex(74BA5D) contains.

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Color

Hex(74BA5D)

Conversions

Conversions Part 1

Format	Color
Hex	74BA5D
RGB	116, 186, 93
RGB Percent	45%, 73%, 36%
CMY	0.5451, 0.2706, 0.6353
CMYK	0.38, 0.00, 0.50, 0.27
HSL	105°, 40%, 55%
HSV	105°, 50%, 73%
XYZ	26.7371, 39.6211, 16.5944
YIQ	154.4680, -11.8670, -43.7630

Conversions

Conversions Part 2

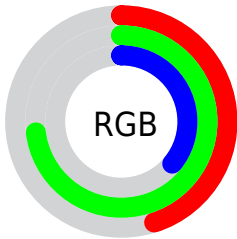
Format	Color
RYB	93, 186, 163
Decimal	7649885
CIELab	69.20, -39.62, 40.06
CIElCh	69, 56.347, 134.683
Yxy	39.6211, 0.3223, 0.4776
Android (android.graphics.Color)	4285839965 (0xFF74BA5D)
YUV	154.4680, -30.3037, -33.7364
Hunter-Lab	62.9453, -34.3332, 28.4310

Details

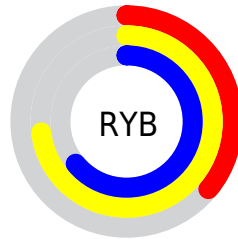
The Hex color **74BA5D** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A35DBA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ABF391**, and **3E842B** is the 20% darker color. If you saturate the color by 10%, you get **66BA4A**, and if you desaturate by 10%, it is **82BA70**.

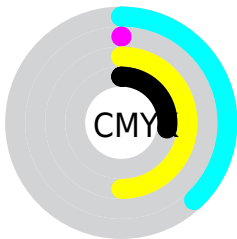
Distribution



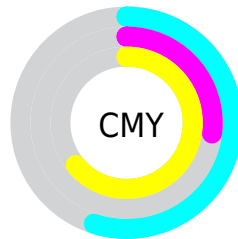
- Red (45%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (64%)



- Cyan (38%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74BA5D 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 74BA5D by changing the saturation by 10% instead.

 74BA5D

 74BA5D

FFFFFF

 599F44

 ABF391

 3E842B

 C8FFAC

 216B11

 E4FFC8

 005200

 FFFFE5

 003A00

 002600

 000000

 74BA5D

 74BA5D

 66BA4A

 82BA70

 58BA38

 90BA82

 4ABA25

 9EBA95

 3CBA13

 ACBAA7

 2EBA00

 BABABA

 C8BACD

 D6BADF

 E4BAF2

 F2BAFF

Harmonies

Analogous

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



AEAE40



74BA5D



00C18C

Triad

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



74BA5D



00B6FF



FF7D92

Complementary

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



74BA5D



A35DBA

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.



F980C5



74BA5D



7DA6FF

Square

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



74BA5D



00BFF0



CC91F2



FC8A63

Rectangle

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



74BA5D



00C2B0



CC91F2



FF7CA3

Sweetspot

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



74BA5D



D7F2CE



BAA35D



6A7A64



FAFAFA



7A7A7A

Same Dimension

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



74BA5D



85F261



5DBA74



555C53



269C00



071C00

Inverse Universe

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



A35DBA



CE61F2



BA5DA3



5A535C



75009C



15001C

Previews

White Background



This preview shows how the Hex color 74BA5D looks on a white background.

Color Contrast Check

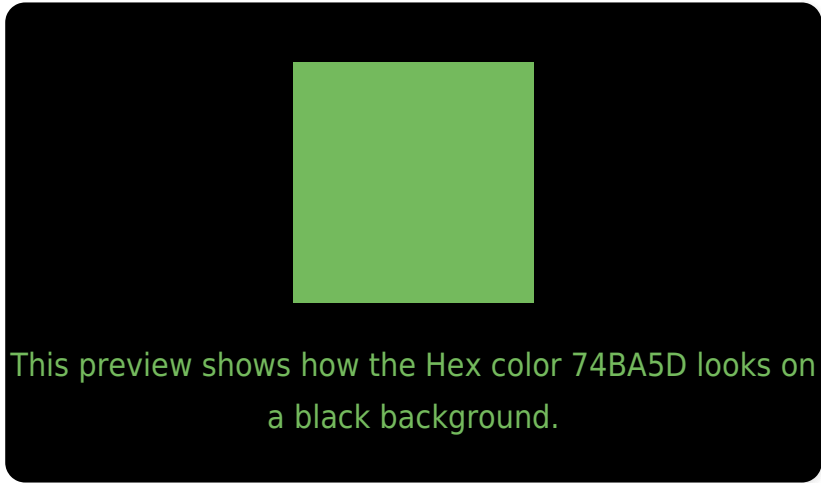
Large Text (above 18pt) WCAG AA × Fail

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 74BA5D Background



This preview shows how black text looks on a background with the Hex color 74BA5D.

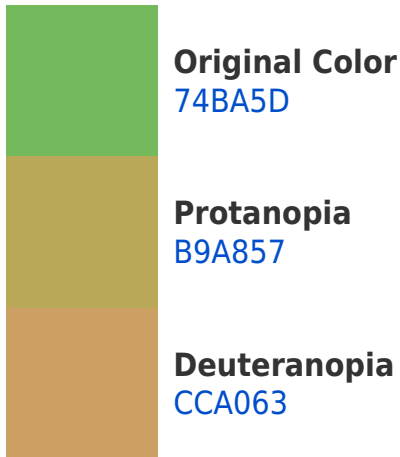


This preview shows how white text looks on a background with the Hex color 74BA5D.

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](#).

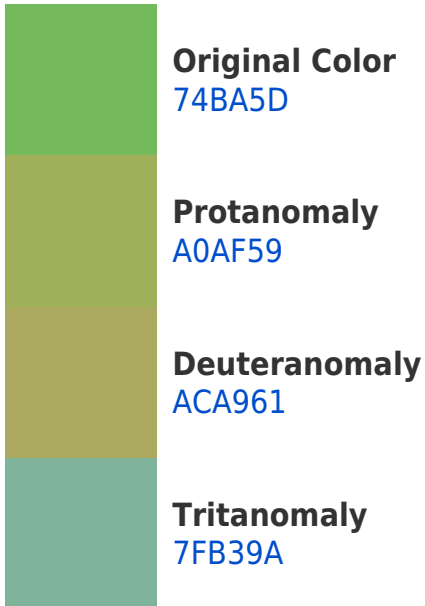
Dichromacy



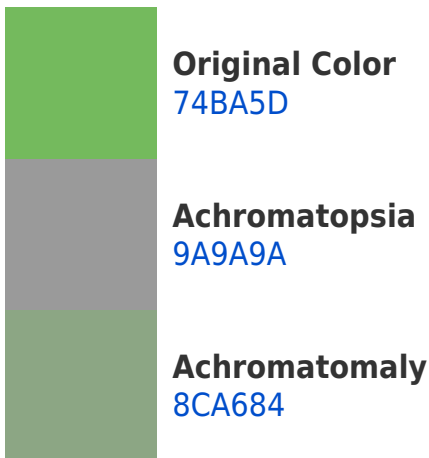


Tritanopia
85AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74BA5D 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 #74BA5D looks like.

```
.text, #text, p{  
    color:#74BA5D  
}
```

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 #74BA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BA5D
}
```

Border

The CSS property to change the border of an element to Hex 74BA5D 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
#74BA5D }
```

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

```
.border{ border-color:#74BA5D }
```

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

Here you see how a box with a 4 pixel #74BA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BA5D; -webkit-box-shadow:4px 4px  
4px 4px #74BA5D; box-shadow:4px 4px 4px  
4px #74BA5D }
```

Background

The CSS property to change the background color of an element to Hex 74BA5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BA5D }
```

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

```
.background{ background-color:#74BA5D }
```

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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