

Converting Colors

Hex(74B53B)

Have a look what the booklet for
Hex(74B53B) contains.

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Color

Hex(74B53B)

Conversions

Conversions Part 1

Format	Color
Hex	74B53B
RGB	116, 181, 59
RGB Percent	45%, 71%, 23%
CMY	0.5451, 0.2902, 0.7686
CMYK	0.36, 0.00, 0.67, 0.29
HSL	92°, 51%, 47%
HSV	92°, 67%, 71%
XYZ	24.5157, 37.0765, 10.0020
YIQ	147.6570, 0.4220, -51.7220

Conversions

Conversions Part 2

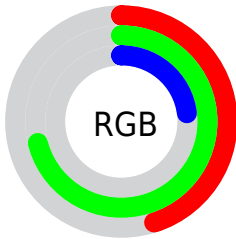
Format	Color
RYB	59, 181, 124
Decimal	7648571
CIELab	67.33, -40.92, 53.44
CIELCh	67, 67.308, 127.445
Yxy	37.0765, 0.3424, 0.5179
Android (android.graphics.Color)	4285838651 (0xFF74B53B)
YUV	147.6570, -43.7079, -27.7632
Hunter-Lab	60.8905, -34.6906, 32.8842

Details

The Hex color **74B53B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7C3BB5**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACED70**, and **3D8000** is the 20% darker color. If you saturate the color by 10%, you get **6AB529**, and if you desaturate by 10%, it is **7EB54D**.

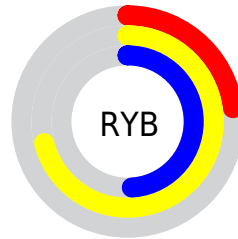
Distribution



Red (45%)

Green (71%)

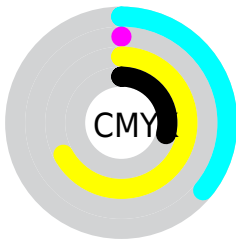
Blue (23%)



Red (23%)

Yellow (71%)

Blue (49%)

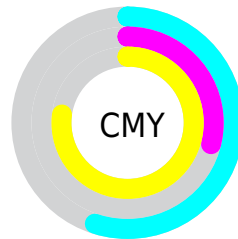


Cyan (36%)

Magenta (0%)

Yellow (67%)

Black (29%)



Cyan (55%)

Magenta (29%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74B53B 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 74B53B by changing the saturation by 10% instead.



74B53B



74B53B

FFFFFF



589A1E



ACED70



3D8000



C9FF8B



1E6600



E6FFA7



004D00



FFFFC3



003600



FFFFE0



002100

FFFFFFD



000000



74B53B



74B53B



6AB529



7EB54D

■ 61B517

■ 87B55F

■ 57B505

■ 91B571

■ 55B500

■ 9BB583

■ A4B596

■ AEB5A8

■ B8B5BA

■ C1B5CC

■ CBB5DE

Harmonies

Analogous

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



B5A616



74B53B



00BD73

Triad

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



74B53B



00B7FF



FF6997

Complementary

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



74B53B



7C3BB5

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.



F873D4



74B53B



2CA6FF

Square

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



74B53B



00BFEC



BA8DFF



FF775D

Rectangle

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



74B53B



00C09D



BA8DFF



FF69AC

Sweetspot

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



74B53B



D2EBBC



B57A3B



667559



F5F5F5



757575

Same Dimension

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



74B53B



85EB2D



3BB53D



545950



479900



0C1A00

Inverse Universe

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



7C3BB5



922DEB



B53BB3



555059



520099



0E001A

Previews

White Background



This preview shows how the Hex color 74B53B looks on a white background.

Color Contrast Check

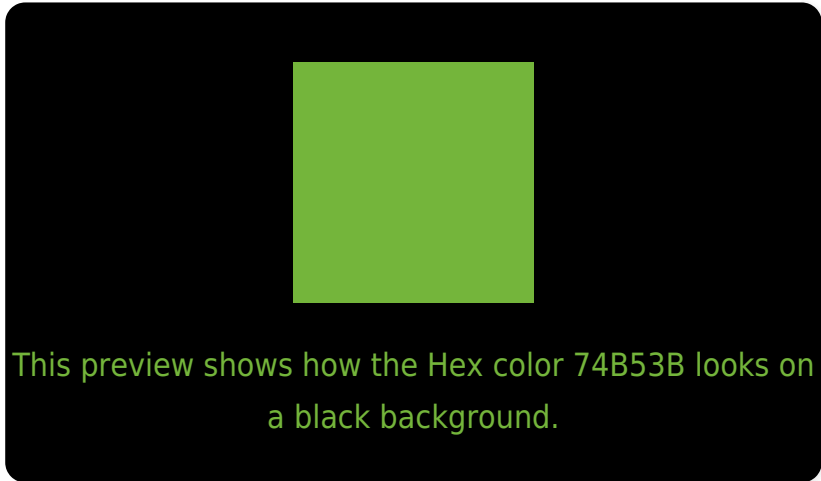
Large Text (above 18pt) WCAG AA × Fail

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 74B53B Background



This preview shows how black text looks on a background with the Hex color 74B53B.



This preview shows how white text looks on a background with the Hex color 74B53B.

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](#).

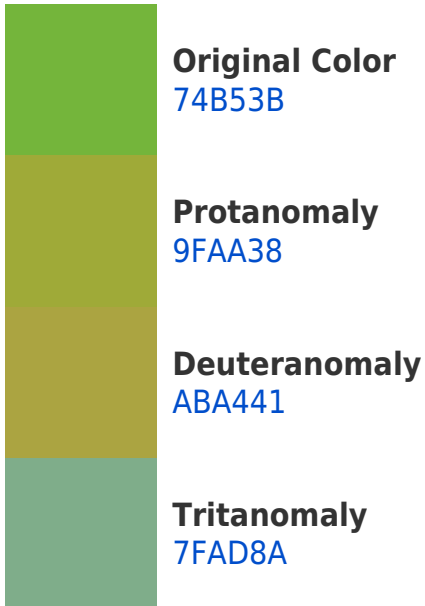
Dichromacy



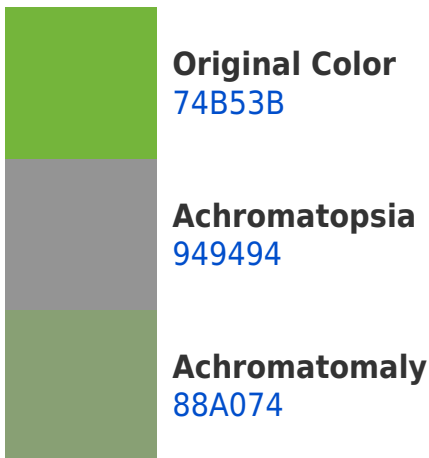


Tritanopia
86A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74B53B 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 #74B53B looks like.

```
.text, #text, p{  
    color:#74B53B  
}
```

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 #74B53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B53B
}
```

Border

The CSS property to change the border of an element to Hex 74B53B 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
#74B53B }
```

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

```
.border{ border-color:#74B53B }
```

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

Here you see how a box with a 4 pixel #74B53B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B53B; -webkit-box-shadow:4px 4px  
4px 4px #74B53B; box-shadow:4px 4px 4px  
4px #74B53B }
```

Background

The CSS property to change the background color of an element to Hex 74B53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B53B }
```

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

```
.background{ background-color:#74B53B }
```

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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