

Converting Colors

Hex(74B463)

Have a look what the booklet for
Hex(74B463) contains.

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Color

Hex(74B463)

Conversions

Conversions Part 1

Format	Color
Hex	74B463
RGB	116, 180, 99
RGB Percent	45%, 71%, 39%
CMY	0.5451, 0.2941, 0.6118
CMYK	0.36, 0.00, 0.45, 0.29
HSL	107°, 35%, 55%
HSV	107°, 45%, 71%
XYZ	25.7758, 37.2564, 17.6371
YIQ	151.6300, -12.1430, -38.7590

Conversions

Conversions Part 2

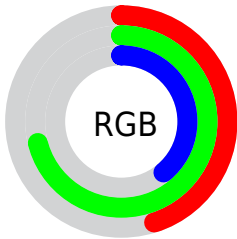
Format	Color
RYB	99, 180, 163
Decimal	7648355
CIELab	67.47, -36.14, 34.89
CIELCh	67, 50.233, 136.009
Yxy	37.2564, 0.3195, 0.4618
Android (android.graphics.Color)	4285838435 (0xFF74B463)
YUV	151.6300, -25.9466, -31.2475
Hunter-Lab	61.0380, -31.4374, 25.5946

Details

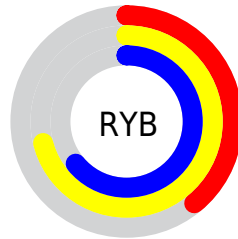
The Hex color **74B463** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A363B4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ABEC97**, and **3F7F32** is the 20% darker color. If you saturate the color by 10%, you get **66B451**, and if you desaturate by 10%, it is **82B475**.

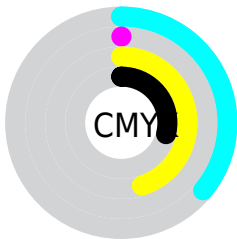
Distribution



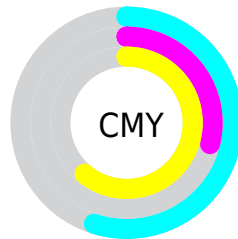
- Red (45%)
- Green (71%)
- Blue (39%)



- Red (39%)
- Yellow (71%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (29%)



- Cyan (55%)
- Magenta (29%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74B463 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 74B463 by changing the saturation by 10% instead.

 74B463

 74B463

FFFFFF

 59994A

 ABEC97

 3F7F32

 C7FFB2

 24651A

 E3FFCE

 004D00

 FFFFEA

 003500

 002100

 000000

 74B463

 74B463

 66B451

 82B475

 58B43F

 90B487

 49B42D

 9FB499

 3BB41B

 ADB4AB

 2DB409

 BBB4BD

 26B400

 C9B4CF

 D8B4E1

 E6B4F3

 F4B4FF

Harmonies

Analogous

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



A7A949



74B463



1FBA8D

Triad

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



74B463



00AFFC



FA7F8E

Complementary

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



74B463



A363B4

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.



ED81BB



74B463



84A1FB

Square

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



74B463



00B8E4



C78FE4



EE8A65

Rectangle

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



74B463



00BBAC



C78FE4



F87E9D

Sweetspot

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



74B463



D1EBCA



B4A263



667561



F5F5F5



757575

Same Dimension

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



74B463



87EB6C



63B47A



525950



209900



051A00

Inverse Universe

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



A363B4



D06CEB



B4639D



575059



790099



14001A

Previews

White Background



This preview shows how the Hex color 74B463 looks on a white background.

Color Contrast Check

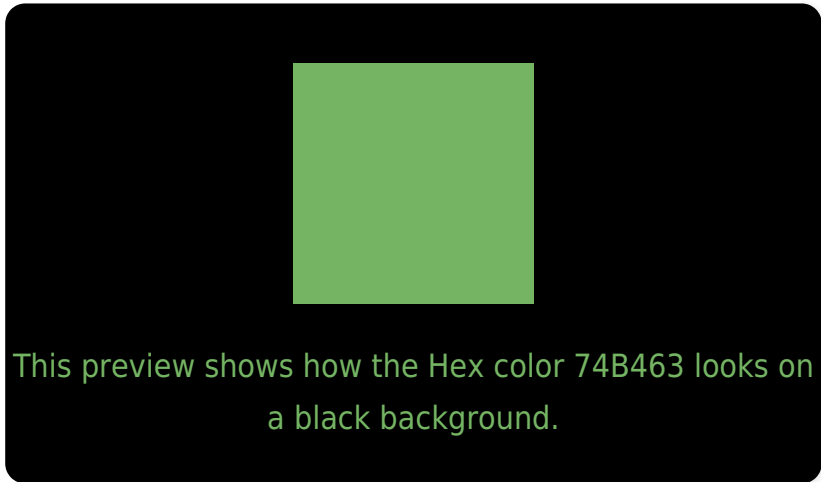
Large Text (above 18pt) WCAG AA × Fail

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

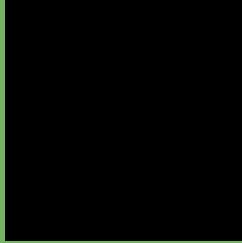
Any Text WCAG AA ✓ Pass

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 74B463 Background



This preview shows how black text looks on a background with the Hex color 74B463.

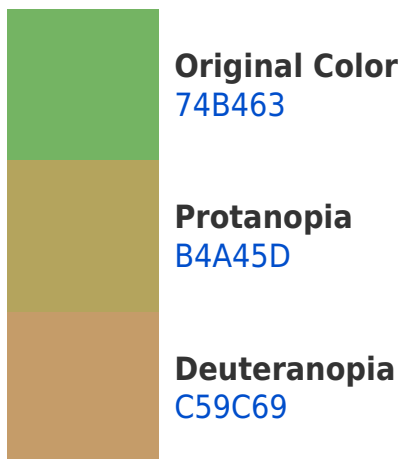


This preview shows how white text looks on a background with the Hex color 74B463.

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](#).

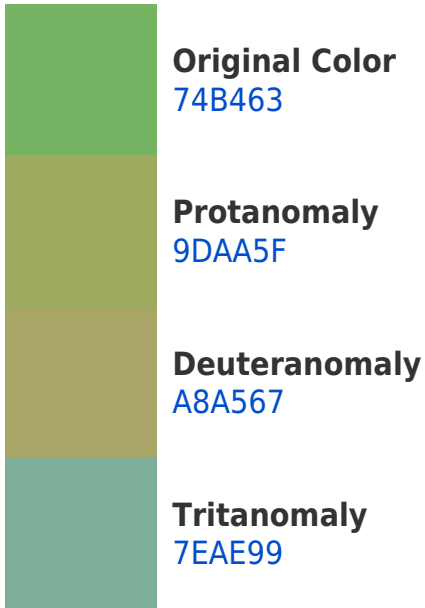
Dichromacy



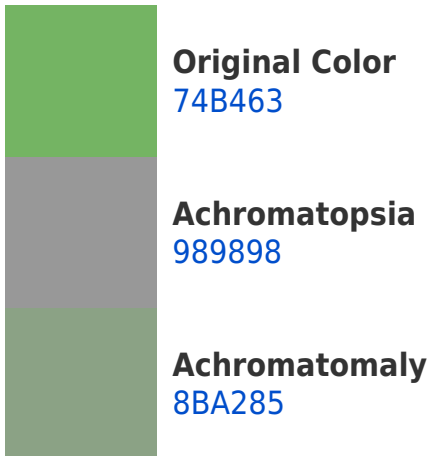


Tritanopia
83AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74B463 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 #74B463 looks like.

```
.text, #text, p{  
    color:#74B463  
}
```

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 #74B463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B463
}
```

Border

The CSS property to change the border of an element to Hex 74B463 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
#74B463 }
```

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

```
.border{ border-color:#74B463 }
```

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

Here you see how a box with a 4 pixel #74B463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B463; -webkit-box-shadow:4px 4px  
4px 4px #74B463; box-shadow:4px 4px 4px  
4px #74B463 }
```

Background

The CSS property to change the background color of an element to Hex 74B463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B463 }
```

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

```
.background{ background-color:#74B463 }
```

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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