

# Converting Colors

Hex(74C658)

Have a look what the booklet for  
Hex(74C658) contains.

<b>Hex(74C658)</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(74C658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74C658
RGB	116, 198, 88
RGB Percent	45%, 78%, 35%
CMY	0.5451, 0.2235, 0.6549
CMYK	0.41, 0.00, 0.56, 0.22
HSL	105°, 49%, 56%
HSV	105°, 56%, 78%
XYZ	29.1580, 44.8058, 16.3441
YIQ	160.9420, -13.5620, -51.5940

# Conversions

## Conversions Part 2

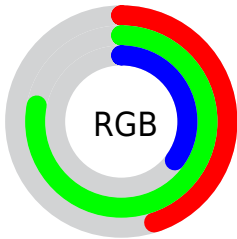
Format	Color
<a href="#">RYB</a>	<a href="#">88, 198, 170</a>
Decimal	<a href="#">7652952</a>
CIELab	<a href="#">72.76, -45.39, 46.75</a>
CIELCh	<a href="#">73, 65.157, 134.152</a>
Yxy	<a href="#">44.8058, 0.3229, 0.4961</a>
Android (android.graphics.Color)	<a href="#">4285843032 (0xFF74C658)</a>
YUV	<a href="#">160.9420, -35.9604, -39.4141</a>
Hunter-Lab	<a href="#">66.9371, -39.3848, 32.3791</a>

# Details

The Hex color **74C658** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **AA58C6**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ACFF8D**, and **3B8F24** is the 20% darker color. If you saturate the color by 10%, you get **65C644**, and if you desaturate by 10%, it is **83C66C**.

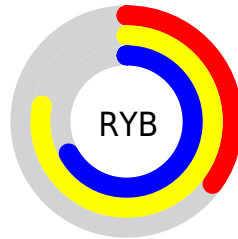
# Distribution



Red (45%)

Green (78%)

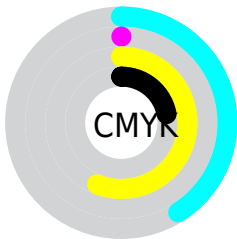
Blue (35%)



Red (35%)

Yellow (78%)

Blue (67%)

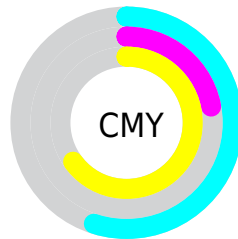


Cyan (41%)

Magenta (0%)

Yellow (56%)

Black (22%)



Cyan (55%)

Magenta (22%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74C658 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 74C658 by changing the saturation by 10% instead.





74C658



74C658

FFFFFF



58AA3E



ACFF8D



3B8F24



C9FFA8



1A7502



E6FFC4



005C00



FFFFE0



004300

FFFFFFD



002D00



001100



000000



74C658



74C658

 65C644

 83C66C

 56C630

 92C680

 48C61D

 A0C693

 39C609

 AFC6A7

 32C600

 BEC6BB

 CDC6CF

 DBC6E3

 EAC6F6

 F9C6FF

# Harmonies

## Analogous

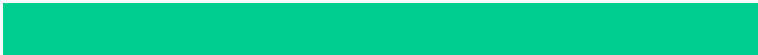
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8B834



74C658



00CD90

# Triad

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



74C658



00C2FF



FF7C99

# Complementary

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



74C658



AA58C6

# Split Complementary

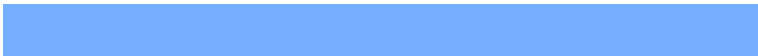
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF81D5



74C658



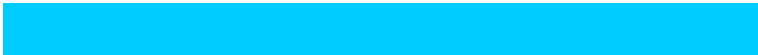
77AFFF

# Square

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



74C658



00CCFF



DA97FF



FF8D62

# Rectangle

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



74C658



00CFB9



DA97FF



FF7BAD

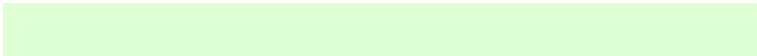


# Sweetspot

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



74C658



DFFFD4



C6A958



6C8066



000000



808080



# Same Dimension

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



74C658



80FF54



58C672



5C635A



2AA300



092400



# Inverse Universe

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



AA58C6



D454FF



C658AC



615A63



7A00A3



1B0024



# Previews

## White Background



This preview shows how the Hex color 74C658 looks on a white background.

## Color Contrast Check

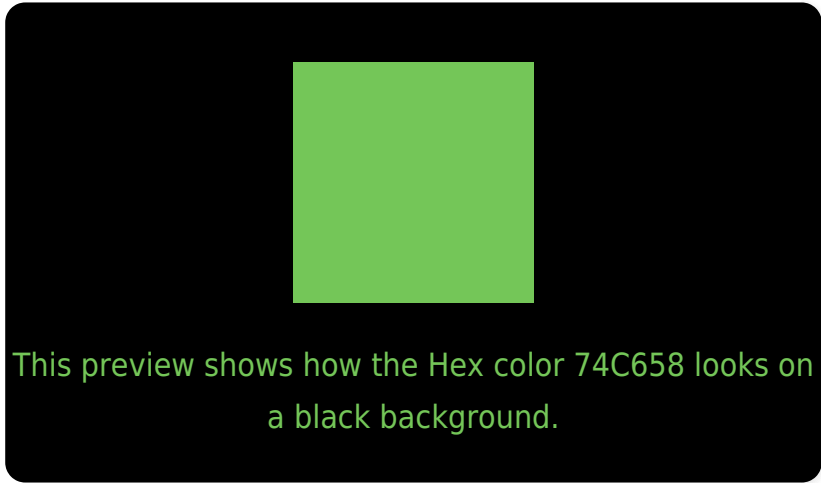
Large Text (above 18pt) WCAG AA × Fail

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

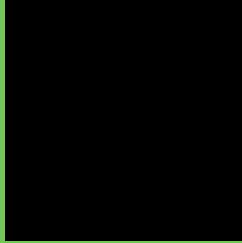
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74C658 Background



This preview shows how black text looks on a background with the Hex color 74C658.

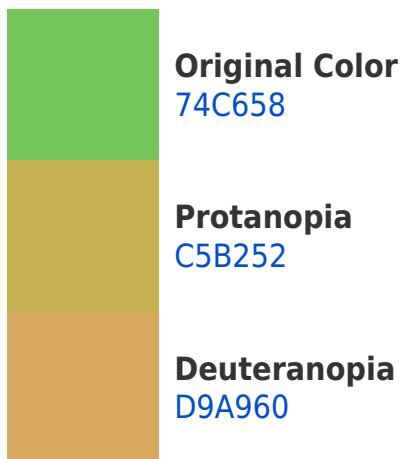


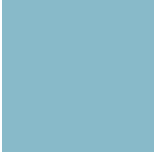
This preview shows how white text looks on a background with the Hex color 74C658.

# 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**  
88BAC9

# Trichromacy



**Original Color**  
74C658



**Protanomaly**  
A8B954



**Deuteranomaly**  
B4B45D



**Tritanomaly**  
81BEA0

# Monochromacy



**Original Color**  
74C658



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
91AE86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74C658 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 #74C658 looks like.

```
.text, #text, p{  
    color:#74C658  
}
```

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 #74C658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C658
}
```

## Border

The CSS property to change the border of an element to Hex 74C658 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
#74C658 }
```

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

```
.border{ border-color:#74C658 }
```

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

Here you see how a box with a 4 pixel #74C658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C658; -webkit-box-shadow:4px 4px  
4px 4px #74C658; box-shadow:4px 4px 4px  
4px #74C658 }
```

# Background

The CSS property to change the background color of an element to Hex 74C658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C658 }
```

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

```
.background{ background-color:#74C658 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor