

Converting Colors

Hex(73C865)

Have a look what the booklet for
Hex(73C865) contains.

Hex(73C865)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(73C865)

Conversions

Conversions Part 1

Format	Color
Hex	73C865
RGB	115, 200, 101
RGB Percent	45%, 78%, 40%
CMY	0.5490, 0.2157, 0.6039
CMYK	0.43, 0.00, 0.50, 0.22
HSL	112°, 47%, 59%
HSV	112°, 50%, 78%
XYZ	30.0735, 45.8930, 19.5851
YIQ	163.2990, -18.8810, -48.8090

Conversions

Conversions Part 2

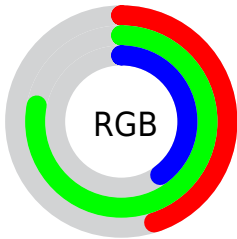
Format	Color
RYB	101, 200, 186
Decimal	7587941
CIELab	73.48, -44.96, 41.37
CIElCh	73, 61.100, 137.382
Yxy	45.8930, 0.3147, 0.4803
Android (android.graphics.Color)	4285778021 (0xFF73C865)
YUV	163.2990, -30.7134, -42.3582
Hunter-Lab	67.7444, -39.3119, 30.2801

Details

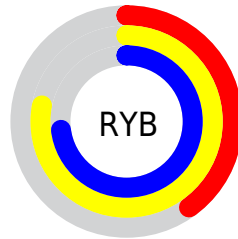
The Hex color **73C865** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA65C8**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ABFF9A**, and **3B9133** is the 20% darker color. If you saturate the color by 10%, you get **62C851**, and if you desaturate by 10%, it is **84C879**.

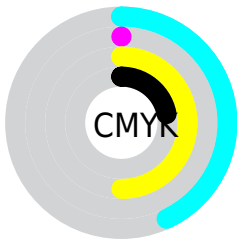
Distribution



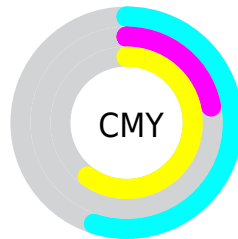
- Red (45%)
- Green (78%)
- Blue (40%)



- Red (40%)
- Yellow (78%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (50%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73C865 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 73C865 by changing the saturation by 10% instead.



73C865



73C865

FFFFFF



57AC4C



ABFF9A



3B9133



C8FFB5



1A7719



E5FFD1



005E00



FFFFEE



004500



002E00



001400



000000



73C865



73C865

 62C851

 84C879

 51C83D

 95C88D

 3FC829

 A7C8A1

 2EC815

 B8C8B5

 1DC801

 C9C8C9

 1CC800

 DAC8DD

 EBC8F1

 FCC8FF

 FFC8FF

Harmonies

Analogous

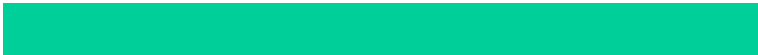
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B4BC42



73C865



00CF9A

Triad

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



73C865



00C1FF



FF8496

Complementary

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



73C865



BA65C8

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.



FF86CF



73C865



8DAFFF

Square

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



73C865



00CCFF



E198FF



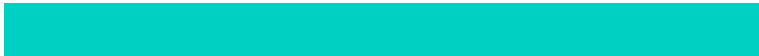
FF9464

Rectangle

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



73C865



00D0C1



E198FF



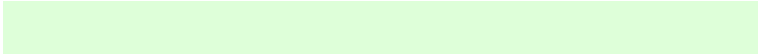
FF82A9

Sweetspot

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



73C865



DEFFD9



C8B965



6C8069



000000



808080

Same Dimension

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



73C865



7EFF69



65C888



5B635A



17A300



052400

Inverse Universe

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



BA65C8



EA69FF



C865A5



625A63



8C00A3



1F0024

Previews

White Background



This preview shows how the Hex color 73C865 looks on a white background.

Color Contrast Check

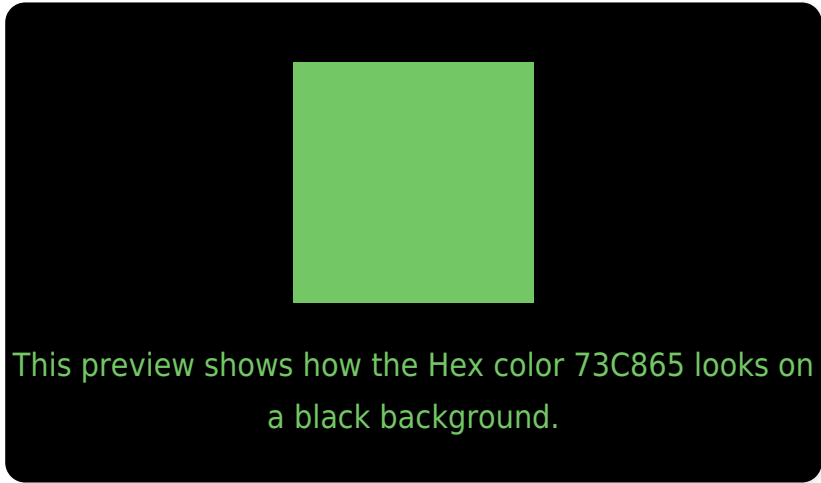
Large Text (above 18pt) WCAG AA × Fail

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

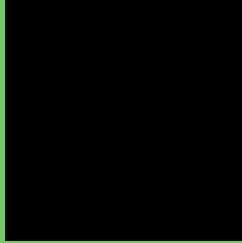
Any Text WCAG AA ✓ Pass

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 73C865 Background



This preview shows how black text looks on a background with the Hex color 73C865.

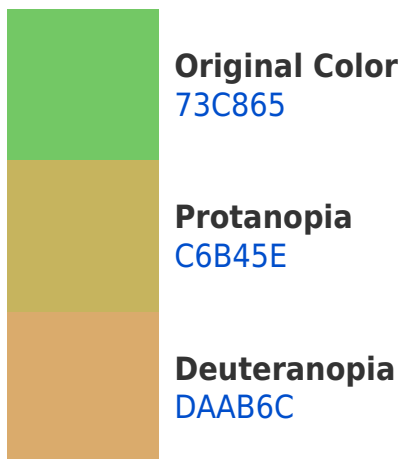


This preview shows how white text looks on a background with the Hex color 73C865.

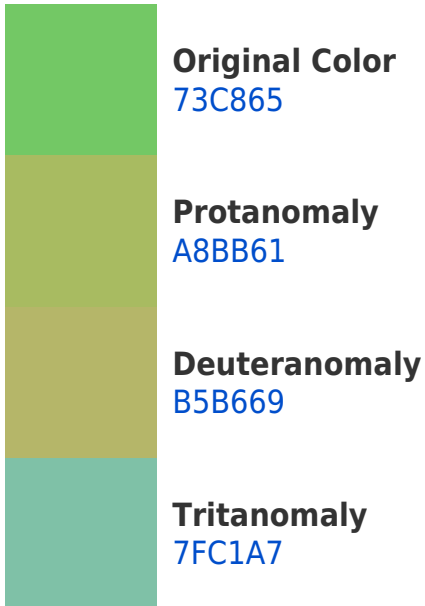
Color Blindness Simulation

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](#).

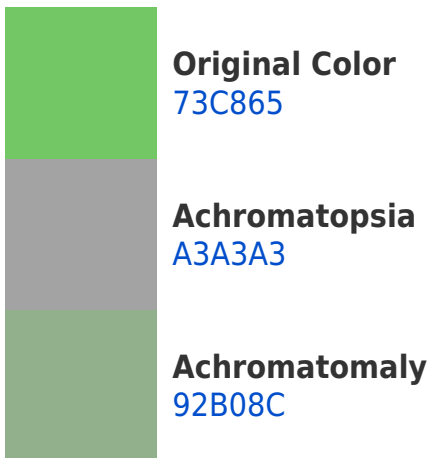
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73C865 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 #73C865 looks like.

```
.text, #text, p{  
    color:#73C865  
}
```

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 #73C865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C865
}
```

Border

The CSS property to change the border of an element to Hex 73C865 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
#73C865 }
```

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

```
.border{ border-color:#73C865 }
```

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

Here you see how a box with a 4 pixel #73C865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C865; -webkit-box-shadow:4px 4px  
4px 4px #73C865; box-shadow:4px 4px 4px  
4px #73C865 }
```

Background

The CSS property to change the background color of an element to Hex 73C865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C865 }
```

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

```
.background{ background-color:#73C865 }
```

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