

Converting Colors

Hex(74C272)

Have a look what the booklet for
Hex(74C272) contains.

Hex(74C272)	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(74C272)

Conversions

Conversions Part 1

Format	Color
Hex	74C272
RGB	116, 194, 114
RGB Percent	45%, 76%, 45%
CMY	0.5451, 0.2392, 0.5529
CMYK	0.40, 0.00, 0.41, 0.24
HSL	118°, 40%, 60%
HSV	118°, 41%, 76%
XYZ	29.5315, 43.5115, 22.7617
YIQ	161.5580, -20.8080, -41.4160

Conversions

Conversions Part 2

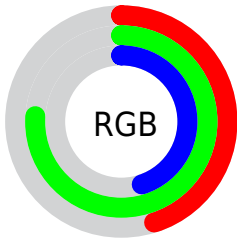
Format	Color
RYB	114, 194, 192
Decimal	7651954
CIELab	71.90, -40.23, 32.85
CIElCh	72, 51.942, 140.764
Yxy	43.5115, 0.3082, 0.4542
Android (android.graphics.Color)	4285842034 (0xFF74C272)
YUV	161.5580, -23.4461, -39.9544
Hunter-Lab	65.9632, -35.5218, 25.7153

Details

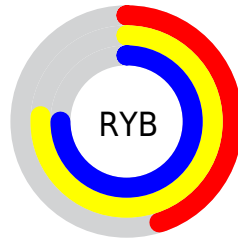
The Hex color **74C272** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C072C2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ABFBA7**, and **3E8C40** is the 20% darker color. If you saturate the color by 10%, you get **61C25F**, and if you desaturate by 10%, it is **87C285**.

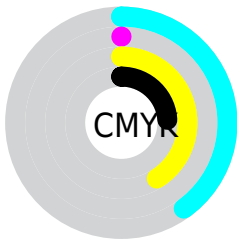
Distribution



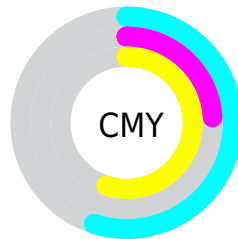
- Red (45%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74C272 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 74C272 by changing the saturation by 10% instead.

 74C272

 74C272

FFFFFF

 59A659

 ABFBA7

 3E8C40

 C8FFC2

 207229

 E5FFDE

 005910

 FFFFFB

 004000

 002A00

 000D00

 000000

 74C272

 74C272

 61C25F

 87C285

 4EC24B

 9AC299

 3BC238

 ADC2AC

 28C224

 C0C2C0

 15C211

 D3C2D3

 05C200

 E5C2E6

 F8C2FA

 FFC2FF

Harmonies

Analogous

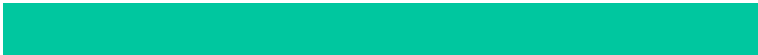
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACB854



74C272



00C79F

Triad

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



74C272



25BAFF



FF8A91

Complementary

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



74C272



C072C2

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.



FF8AC1



74C272



9CAAFF

Square

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



74C272



00C4F9



DD97ED



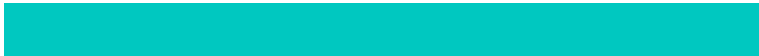
FA9768

Rectangle

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



74C272



00C8C0



DD97ED



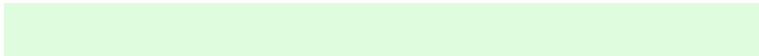
FF88A1

Sweetspot

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



74C272



DFFCDE



C2BF72



6E806E



000000



808080

Same Dimension

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



74C272



84FC81



72C297



576157



04A100



012100

Inverse Universe

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



C072C2



F981FC



C2729D



615761



9D00A1



200021

Previews

White Background



This preview shows how the Hex color 74C272 looks on a white background.

Color Contrast Check

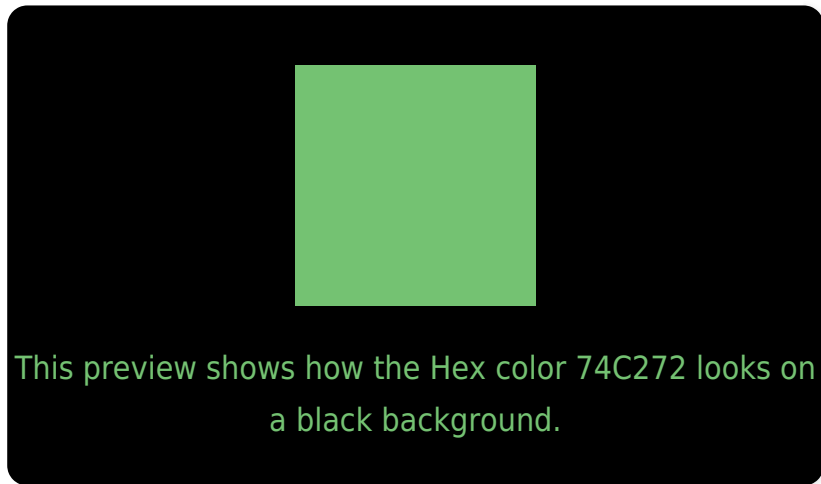
Large Text (above 18pt) WCAG AA × Fail

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

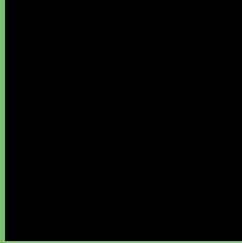
Any Text WCAG AA ✓ Pass

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 74C272 Background



This preview shows how black text looks on a background with the Hex color 74C272.

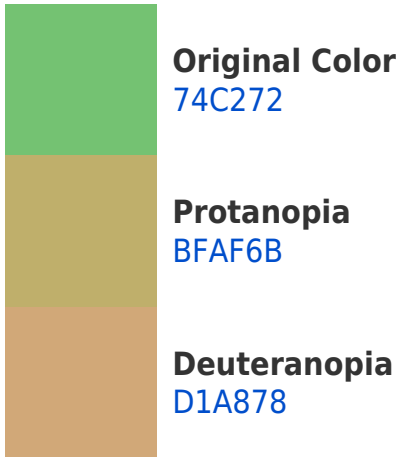


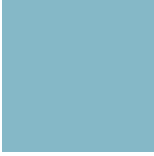
This preview shows how white text looks on a background with the Hex color 74C272.

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](#).

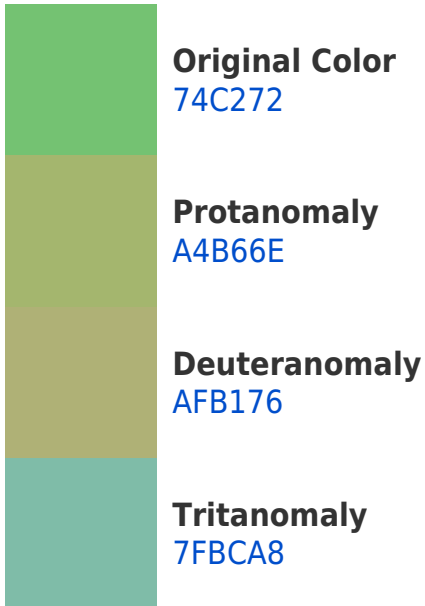
Dichromacy



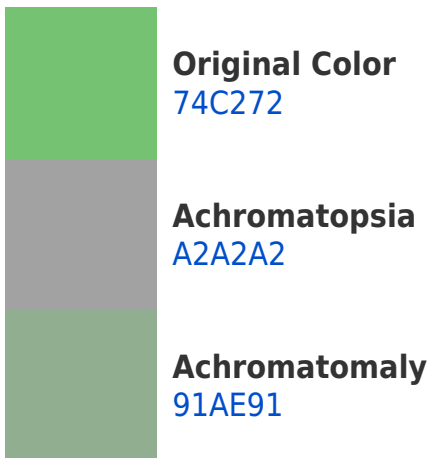


Tritanopia
85B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74C272 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 #74C272 looks like.

```
.text, #text, p{  
    color:#74C272  
}
```

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 #74C272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C272
}
```

Border

The CSS property to change the border of an element to Hex 74C272 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
#74C272 }
```

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

```
.border{ border-color:#74C272 }
```

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

Here you see how a box with a 4 pixel #74C272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C272; -webkit-box-shadow:4px 4px  
4px 4px #74C272; box-shadow:4px 4px 4px  
4px #74C272 }
```

Background

The CSS property to change the background color of an element to Hex 74C272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C272 }
```

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

```
.background{ background-color:#74C272 }
```

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