

# Converting Colors

Hex(78CA73)

Have a look what the booklet for  
Hex(78CA73) contains.

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**Color**

**Hex(78CA73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78CA73
RGB	120, 202, 115
RGB Percent	47%, 79%, 45%
CMY	0.5294, 0.2078, 0.5490
CMYK	0.41, 0.00, 0.43, 0.21
HSL	117°, 45%, 62%
HSV	117°, 43%, 79%
XYZ	31.9608, 47.4719, 23.6981
YIQ	167.5640, -20.9450, -44.4410

# Conversions

## Conversions Part 2

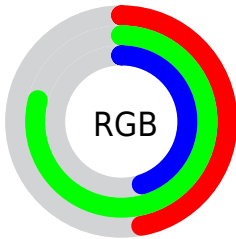
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 202, 197
Decimal	7916147
CIELab	74.49, -42.35, 35.71
CIELCh	74, 55.401, 139.861
Yxy	47.4719, 0.3099, 0.4603
Android (android.graphics.Color)	4286106227 (0xFF78CA73)
YUV	167.5640, -25.9141, -41.7136
Hunter-Lab	68.8999, -37.7735, 27.8371

# Details

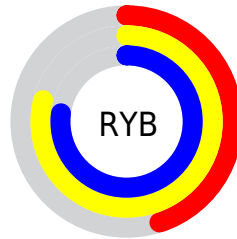
The Hex color **78CA73** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C573CA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B0FFA8**, and **419341** is the 20% darker color. If you saturate the color by 10%, you get **65CA5F**, and if you desaturate by 10%, it is **8BCA87**.

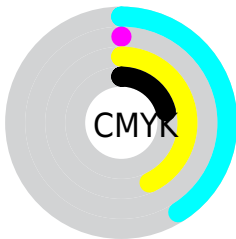
# Distribution



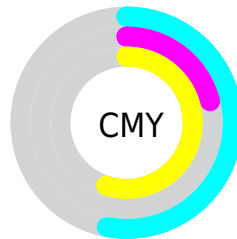
- Red (47%)
- Green (79%)
- Blue (45%)



- Red (45%)
- Yellow (79%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (43%)
- Black (21%)



- Cyan (53%)
- Magenta (21%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78CA73 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 78CA73 by changing the saturation by 10% instead.



 78CA73

 78CA73

FFFFFF

 5DAE5A

 B0FFA8

 419341

 CCFFC4

 237929

 E9FFE0

 00600F

FFFFFFD

 004700

 003000

 001800

 000000

 78CA73

 78CA73

 65CA5F

 8BCA87

 52CA4B

 9ECA9B

 3FCA36

 B1CAB0

 2CCA22

 C4CAC4

 19CA0E

 D7CAD8

 0CCA00

 EACAEC

 FDCAFF

 FFCAFF

# Harmonies

## Analogous

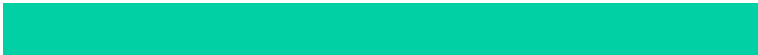
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B4BF53



78CA73



00D0A4

# Triad

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



78CA73



00C2FF



FF8D97

# Complementary

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



78CA73



C573CA

# 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.



FF8ECB



78CA73



9EB1FF

# Square

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



78CA73



00CCFF



E59CF9



FF9C6B

# Rectangle

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



78CA73



00D1C7



E59CF9



FF8CA8

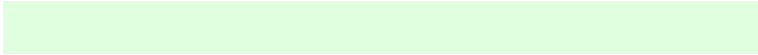


# Sweetspot

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



78CA73



E0FFDE



CAC473



6C806B



000000



808080



# Same Dimension

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



78CA73



82FF7A



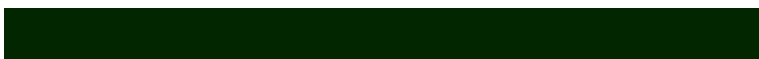
73CA99



5C665C



0AA600



022600



# Inverse Universe

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



C573CA



F77AFF



CA73A4



655C66



9C00A6



240026



# Previews

## White Background



This preview shows how the Hex color 78CA73 looks on a white background.

## Color Contrast Check

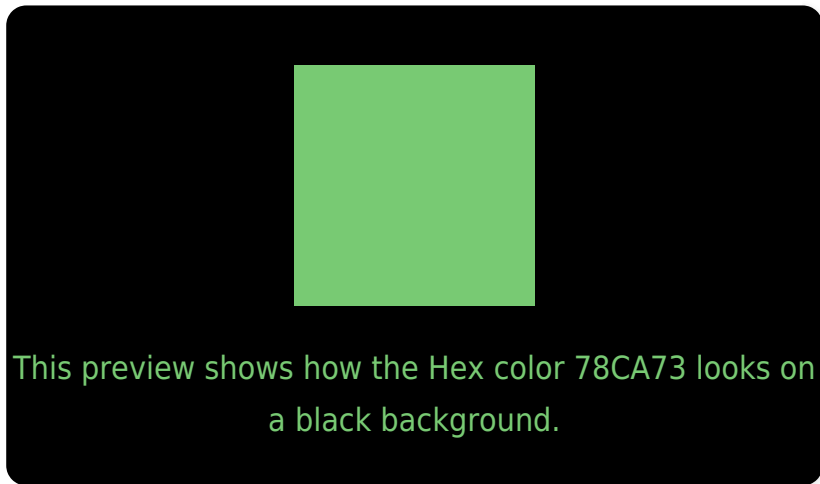
Large Text (above 18pt) WCAG AA × Fail

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

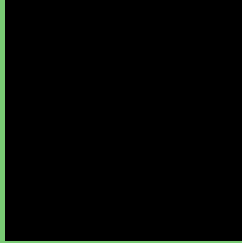
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78CA73 Background



This preview shows how black text looks on a background with the Hex color 78CA73.



This preview shows how white text looks on a background with the Hex color 78CA73.

# 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



**Original Color**  
78CA73

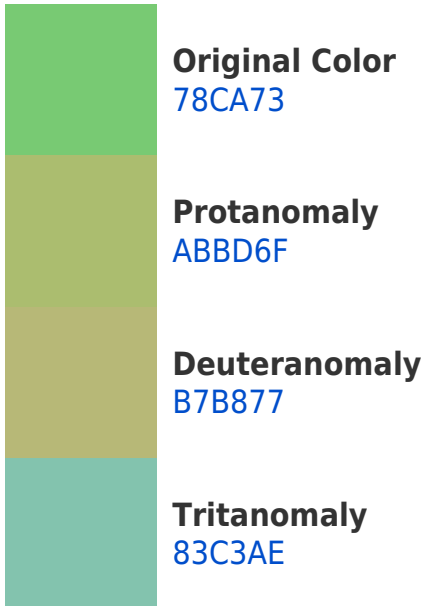
**Protanopia**  
C8B66C

**Deuteranopia**  
DBAE7A

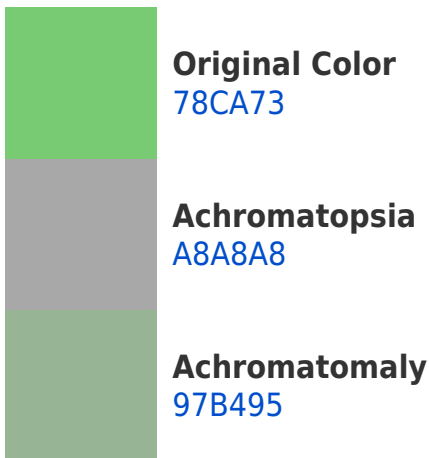


**Tritanopia**  
8ABFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78CA73 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 #78CA73 looks like.

```
.text, #text, p{  
    color:#78CA73  
}
```

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 #78CA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78CA73  
}
```

## Border

The CSS property to change the border of an element to Hex 78CA73 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  
#78CA73 }
```

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

```
.border{ border-color:#78CA73 }
```

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

Here you see how a box with a 4 pixel #78CA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78CA73; -webkit-box-shadow:4px 4px  
4px 4px #78CA73; box-shadow:4px 4px 4px  
4px #78CA73 }
```

# Background

The CSS property to change the background color of an element to Hex 78CA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78CA73 }
```

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

```
.background{ background-color:#78CA73 }
```

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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