

# Converting Colors

Hex(78C55A)

Have a look what the booklet for  
Hex(78C55A) contains.

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**Color**

**Hex(78C55A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78C55A
RGB	120, 197, 90
RGB Percent	47%, 77%, 35%
CMY	0.5294, 0.2275, 0.6471
CMYK	0.39, 0.00, 0.54, 0.23
HSL	103°, 48%, 56%
HSV	103°, 54%, 77%
XYZ	29.5574, 44.6638, 16.7360
YIQ	161.7790, -11.5450, -49.6010

# Conversions

## Conversions Part 2

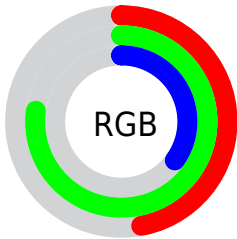
Format	Color
<a href="#">RYB</a>	<a href="#">90, 197, 167</a>
Decimal	<a href="#">7914842</a>
CIELab	<a href="#">72.67, -43.45, 45.75</a>
CIELCh	<a href="#">73, 63.090, 133.525</a>
Yxy	<a href="#">44.6638, 0.3250, 0.4910</a>
Android (android.graphics.Color)	<a href="#">4286104922 (0xFF78C55A)</a>
YUV	<a href="#">161.7790, -35.3870, -36.6402</a>
Hunter-Lab	<a href="#">66.8310, -38.0086, 31.9341</a>

# Details

The Hex color **78C55A** 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 **A75AC5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B0FE8F**, and **408F26** is the 20% darker color. If you saturate the color by 10%, you get **6AC546**, and if you desaturate by 10%, it is **86C56E**.

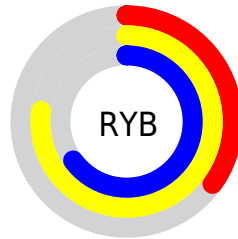
# Distribution



Red (47%)

Green (77%)

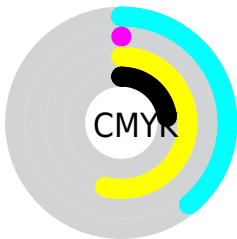
Blue (35%)



Red (35%)

Yellow (77%)

Blue (65%)

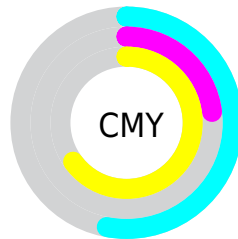


Cyan (39%)

Magenta (0%)

Yellow (54%)

Black (23%)



Cyan (53%)

Magenta (23%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78C55A 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 78C55A by changing the saturation by 10% instead.



 78C55A

 78C55A

FFFFFF

 5CA940

 B0FE8F

 408F26

 CDFFAA

 227406

 EAFFC6

 005B00

 FFFFE2

 004300

 002C00

 001100

 000000

 78C55A

 78C55A

 6AC546

 86C56E

 5CC533

 94C581

 4DC51F

 A3C595

 3FC50B

 B1C5A9

 37C500

 BFC5BD

 CDC5D0

 DBC5E4

 E9C5F8

 F8C5FF

# Harmonies

## Analogous

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



B9B839



78C55A



00CC90

# Triad

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



78C55A



00C2FF



FF7E9A

# Complementary

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



78C55A



A75AC5

# Split Complementary

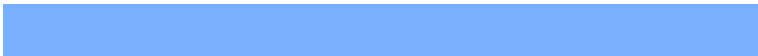
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF83D5



78C55A



78B0FF

# Square

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



78C55A



00CBFF



D798FF



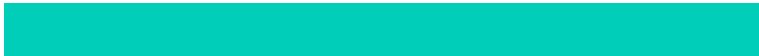
FF8D65

# Rectangle

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



78C55A



00CEB8



D798FF



FF7DAE

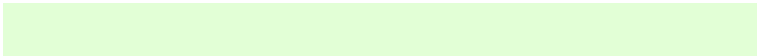


# Sweetspot

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



78C55A



E2FFD6



C5A75A



6E8067



000000



808080



# Same Dimension

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



78C55A



88FF59



5AC571



5C635A



2EA300



0A2400



# Inverse Universe

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



A75AC5



D159FF



C55AAE



615A63



7500A3



1A0024



# Previews

## White Background



This preview shows how the Hex color 78C55A looks on a white background.

## Color Contrast Check

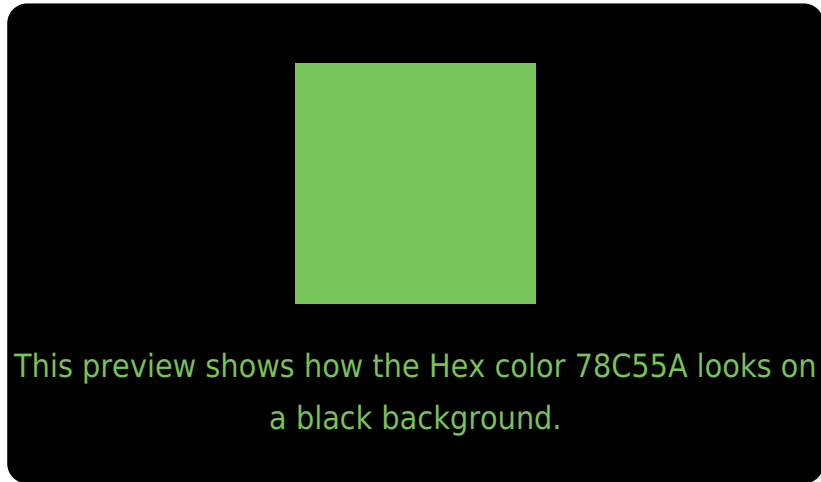
Large Text (above 18pt) WCAG AA × Fail

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 78C55A Background



This preview shows how black text looks on a background with the Hex color 78C55A.



This preview shows how white text looks on a background with the Hex color 78C55A.

# 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](#).

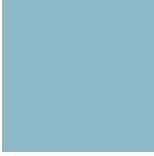
## Dichromacy



**Original Color**  
78C55A

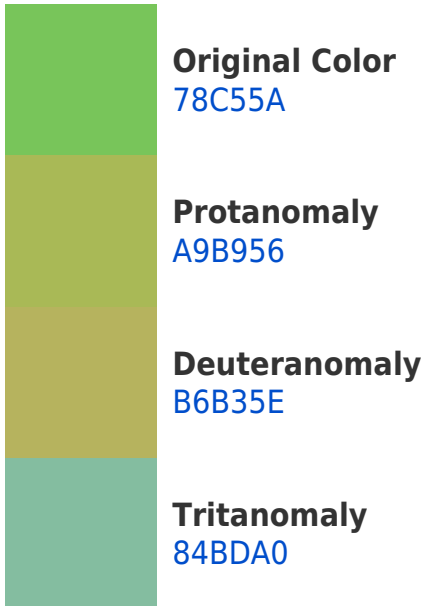
**Protanopia**  
C5B254

**Deuteranopia**  
D9A961

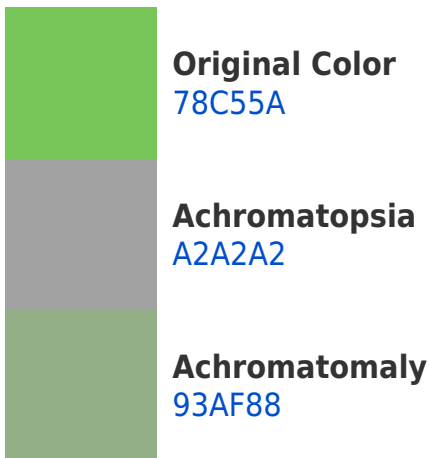


**Tritanopia**  
8BB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78C55A 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 #78C55A looks like.

```
.text, #text, p{  
    color:#78C55A  
}
```

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 #78C55A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C55A
}
```

## Border

The CSS property to change the border of an element to Hex 78C55A 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
#78C55A }
```

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

```
.border{ border-color:#78C55A }
```

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

Here you see how a box with a 4 pixel #78C55A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C55A; -webkit-box-shadow:4px 4px  
4px 4px #78C55A; box-shadow:4px 4px 4px  
4px #78C55A }
```

# Background

The CSS property to change the background color of an element to Hex 78C55A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C55A }
```

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

```
.background{ background-color:#78C55A }
```

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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