

Converting Colors

Hex(78AD63)

Have a look what the booklet for
Hex(78AD63) contains.

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Color

Hex(78AD63)

Conversions

Conversions Part 1

Format	Color
Hex	78AD63
RGB	120, 173, 99
RGB Percent	47%, 68%, 39%
CMY	0.5294, 0.3216, 0.6118
CMYK	0.31, 0.00, 0.43, 0.32
HSL	103°, 31%, 53%
HSV	103°, 43%, 68%
XYZ	24.9414, 34.7811, 17.2032
YIQ	148.7170, -7.8340, -34.2500

Conversions

Conversions Part 2

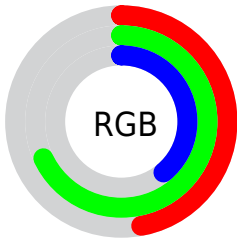
Format	Color
RYB	99, 173, 152
Decimal	7908707
CIELab	65.58, -31.52, 32.53
CIELCh	66, 45.295, 134.097
Yxy	34.7811, 0.3242, 0.4521
Android (android.graphics.Color)	4286098787 (0xFF78AD63)
YUV	148.7170, -24.5105, -25.1848
Hunter-Lab	58.9755, -27.7173, 23.9878

Details

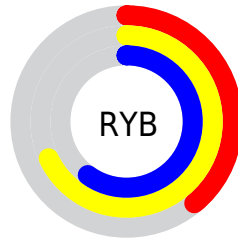
The Hex color **78AD63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9863AD**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AEE597**, and **447832** is the 20% darker color. If you saturate the color by 10%, you get **6CAD52**, and if you desaturate by 10%, it is **84AD74**.

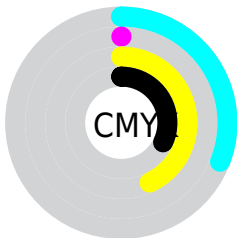
Distribution



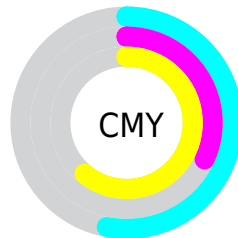
- Red (47%)
- Green (68%)
- Blue (39%)



- Red (39%)
- Yellow (68%)
- Blue (60%)



- Cyan (31%)
- Magenta (0%)
- Yellow (43%)
- Black (32%)



- Cyan (53%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AD63 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 78AD63 by changing the saturation by 10% instead.

 78AD63

 78AD63

FFFFFF

 5E924A

 AEE597

 447832

 CAFFB2

 2B5F1B

 E7FFCE

 0E4702

 FFFFEA

 003000

 001C00

 000000

 78AD63

 78AD63

 6CAD52

 84AD74

 5FAD40

 91AD86

 53AD2F

 9DAD97

 46AD1E

 AAADA8

 3AAD0D

 B6ADBA

 31AD00

 C2ADCB

 CFADDC

 DBADED

 E8ADFF

Harmonies

Analogous

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



A5A34E



78AD63



3AB388

Triad

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



78AD63



0AAAED



EC7E8E

Complementary

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



78AD63



9863AD

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.



E081B7



78AD63



7F9DEE

Square

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



78AD63



00B1D7



BB8DDA



E48769

Rectangle

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



78AD63



00B4A4



BB8DDA



EB7D9B

Sweetspot

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



78AD63



CCE0C3



AD9763



63705E



F0F0F0



707070

Same Dimension

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



78AD63



8EE06E



63AD72



50574E



2B9600



071700

Inverse Universe

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



9863AD



C06EE0



AD639E



544E57



6C0096



100017

Previews

White Background



This preview shows how the Hex color 78AD63 looks on a white background.

Color Contrast Check

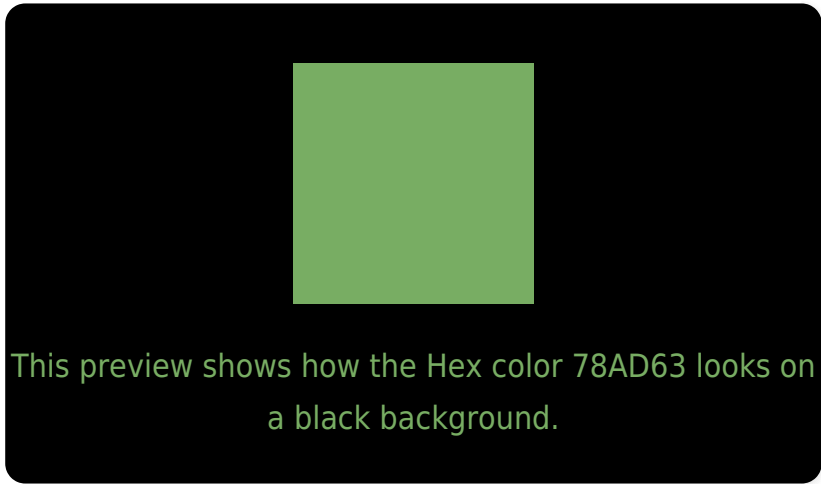
Large Text (above 18pt) WCAG AA × Fail

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

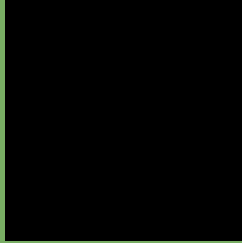
Any Text WCAG AA ✓ Pass

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 78AD63 Background



This preview shows how black text looks on a background with the Hex color 78AD63.

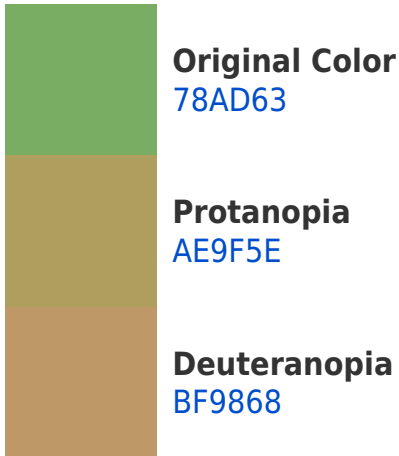


This preview shows how white text looks on a background with the Hex color 78AD63.

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
85A4B1

Trichromacy



Original Color
78AD63

Protanomaly
9AA460

Deuteranomaly
A5A066

Tritanomaly
80A795

Monochromacy



Original Color
78AD63

Achromatopsia
959595

Achromatomaly
8A9E83

CSS Examples

Text

The CSS property to change the color of the text to Hex 78AD63 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 #78AD63 looks like.

```
.text, #text, p{  
    color:#78AD63  
}
```

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 #78AD63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AD63
}
```

Border

The CSS property to change the border of an element to Hex 78AD63 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
#78AD63 }
```

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

```
.border{ border-color:#78AD63 }
```

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

Here you see how a box with a 4 pixel #78AD63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AD63; -webkit-box-shadow:4px 4px  
4px 4px #78AD63; box-shadow:4px 4px 4px  
4px #78AD63 }
```

Background

The CSS property to change the background color of an element to Hex 78AD63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AD63 }
```

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

```
.background{ background-color:#78AD63 }
```

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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