

Converting Colors

Hex(78AE48)

Have a look what the booklet for
Hex(78AE48) contains.

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Color

Hex(78AE48)

Conversions

Conversions Part 1

Format	Color
Hex	78AE48
RGB	120, 174, 72
RGB Percent	47%, 68%, 28%
CMY	0.5294, 0.3176, 0.7176
CMYK	0.31, 0.00, 0.59, 0.32
HSL	92°, 41%, 48%
HSV	92°, 59%, 68%
XYZ	24.0515, 34.7331, 11.5674
YIQ	146.2260, 0.5580, -43.1700

Conversions

Conversions Part 2

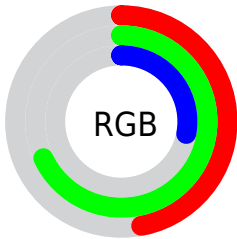
Format	Color
RYB	72, 174, 126
Decimal	7908936
CIELab	65.54, -35.21, 45.86
CIElCh	66, 57.822, 127.515
Yxy	34.7331, 0.3419, 0.4937
Android (android.graphics.Color)	4286099016 (0xFF78AE48)
YUV	146.2260, -36.5934, -23.0002
Hunter-Lab	58.9348, -30.2893, 29.6172

Details

The Hex color **78AE48** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7E48AE**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **AFE67C**, and **437912** is the 20% darker color. If you saturate the color by 10%, you get **6FAE37**, and if you desaturate by 10%, it is **81AE59**.

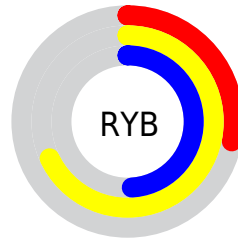
Distribution



Red (47%)

Green (68%)

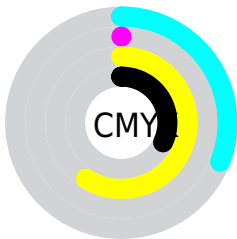
Blue (28%)



Red (28%)

Yellow (68%)

Blue (49%)

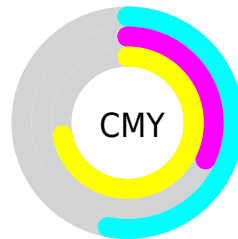


Cyan (31%)

Magenta (0%)

Yellow (59%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AE48 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 78AE48 by changing the saturation by 10% instead.

 78AE48

 78AE48

FFFFFF

 5D932E

 AFE67C

 437912

 CBFF97

 286000

 E8FFB2

 094800

 FFFFCE

 003100

 FFFFEB

 001C00

 000000

 78AE48

 78AE48

 6FAE37

 81AE59

 66AE25

 8AAE6B

 5CAE14

 94AE7C

 53AE02

 9DAE8E

 52AE00

 A6AE9F

 AFAEB0

 B8AEC2

 C2AED3

 CBAEE5

Harmonies

Analogous

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



AFA130



78AE48



11B676

Triad

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



78AE48



00AFFE



FE7094

Complementary

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



78AE48



7E48AE

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.



E878C8



78AE48



50A1FF

Square

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



78AE48



00B7DD



B38CF2



F77A63

Rectangle

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



78AE48



00B899



B38CF2



FA70A6

Sweetspot

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



78AE48



CDE3BA



AE7D48



65735A



F2F2F2



737373

Same Dimension

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



78AE48



8FE344



48AE4A



52574E



479600



0B1700

Inverse Universe

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



7E48AE



9844E3



AE48AC



534E57



500096



0C0017

Previews

White Background



This preview shows how the Hex color 78AE48 looks on a white background.

Color Contrast Check

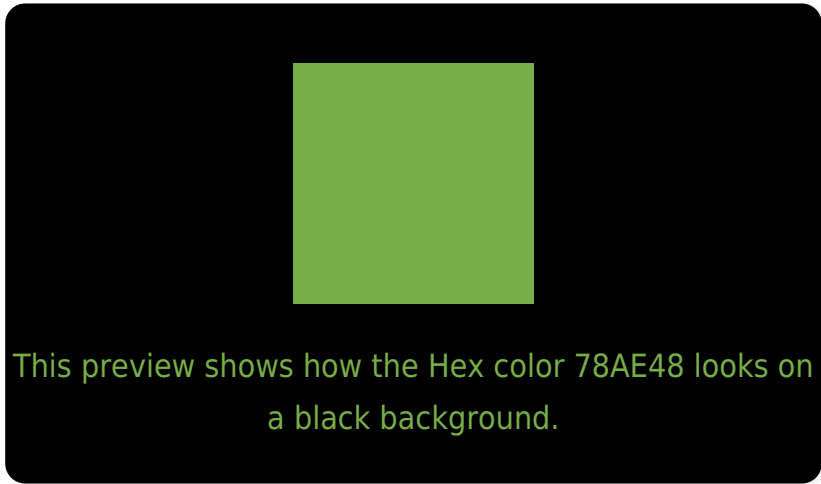
Large Text (above 18pt) WCAG AA × Fail

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 78AE48 Background



This preview shows how black text looks on a background with the Hex color 78AE48.



This preview shows how white text looks on a background with the Hex color 78AE48.

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
78AE48

Protanopia
B09F43

Deuteranopia
C3974F



Tritanopia
87A3B0

Trichromacy



Original Color
78AE48

Protanomaly
9CA445

Deuteranomaly
A89F4C

Tritanomaly
82A78A

Monochromacy



Original Color
78AE48

Achromatopsia
929292

Achromatomaly
899C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 78AE48 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 #78AE48 looks like.

```
.text, #text, p{  
    color:#78AE48  
}
```

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 #78AE48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AE48
}
```

Border

The CSS property to change the border of an element to Hex 78AE48 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
#78AE48 }
```

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

```
.border{ border-color:#78AE48 }
```

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

Here you see how a box with a 4 pixel #78AE48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AE48; -webkit-box-shadow:4px 4px  
4px 4px #78AE48; box-shadow:4px 4px 4px  
4px #78AE48 }
```

Background

The CSS property to change the background color of an element to Hex 78AE48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AE48 }
```

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

```
.background{ background-color:#78AE48 }
```

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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