

Converting Colors

Hex(78AD46)

Have a look what the booklet for
Hex(78AD46) contains.

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Color

Hex(78AD46)

Conversions

Conversions Part 1

Format	Color
Hex	78AD46
RGB	120, 173, 70
RGB Percent	47%, 68%, 27%
CMY	0.5294, 0.3216, 0.7255
CMYK	0.31, 0.00, 0.60, 0.32
HSL	91°, 42%, 48%
HSV	91°, 60%, 68%
XYZ	23.7948, 34.3224, 11.1651
YIQ	145.4110, 1.4750, -43.2690

Conversions

Conversions Part 2

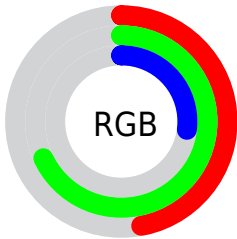
Format	Color
RYB	70, 173, 123
Decimal	7908678
CIELab	65.22, -34.95, 46.42
CIElCh	65, 58.105, 126.977
Yxy	34.3224, 0.3434, 0.4954
Android (android.graphics.Color)	4286098758 (0xFF78AD46)
YUV	145.4110, -37.1776, -22.2854
Hunter-Lab	58.5853, -30.0255, 29.7103

Details

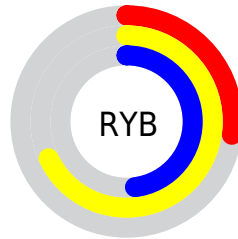
The Hex color **78AD46** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7B46AD**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **AFE57A**, and **43780F** is the 20% darker color. If you saturate the color by 10%, you get **6FAD35**, and if you desaturate by 10%, it is **81AD57**.

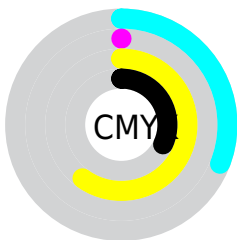
Distribution



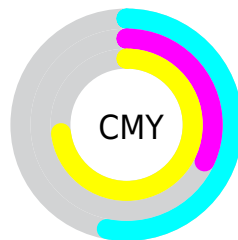
- Red (47%)
- Green (68%)
- Blue (27%)



- Red (27%)
- Yellow (68%)
- Blue (48%)



- Cyan (31%)
- Magenta (0%)
- Yellow (60%)
- Black (32%)



- Cyan (53%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AD46 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 78AD46 by changing the saturation by 10% instead.

 78AD46

 78AD46

FFFFFF

 5D922C

 AFE57A

 43780F

 CBFF95

 285F00

 E8FFB0

 094700

 FFFFCC

 003000

 FFFF E9

 001B00

 000000

 78AD46

 78AD46

 6FAD35

 81AD57

 66AD23

 8AAD69

 5DAD12

 93AD7A

 54AD01

 9CAD8B

 54AD00

 A5AD9D

 ADADAE

 B6ADBF

 BFADD0

 C8ADE2

Harmonies

Analogous

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



AFA02E



78AD46



11B574

Triad

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



78AD46



00AFFE



FD6F94

Complementary

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



78AD46



7B46AD

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.



E777C8



78AD46



4BA0FF

Square

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



78AD46



00B6DC



B18BF2



F77962

Rectangle

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



78AD46



00B797



B18BF2



F96FA6

Sweetspot

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



78AD46



CCE0B8



AD7A46



637058



F0F0F0



707070

Same Dimension

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



78AD46



8EE041



46AD46



52574E



499600



0B1700

Inverse Universe

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



7B46AD



9341E0



AD46AD



524E57



4D0096



0C0017

Previews

White Background



This preview shows how the Hex color 78AD46 looks on a white background.

Color Contrast Check

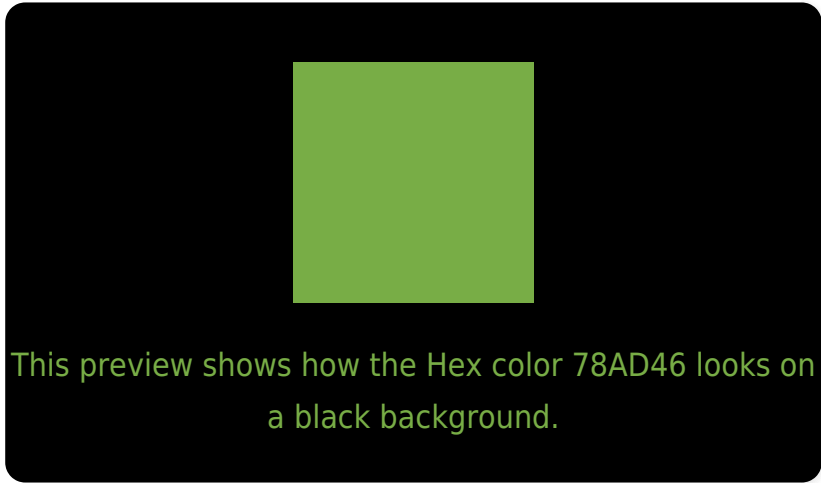
Large Text (above 18pt) WCAG AA × Fail

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 78AD46 Background



This preview shows how black text looks on a background with the Hex color 78AD46.

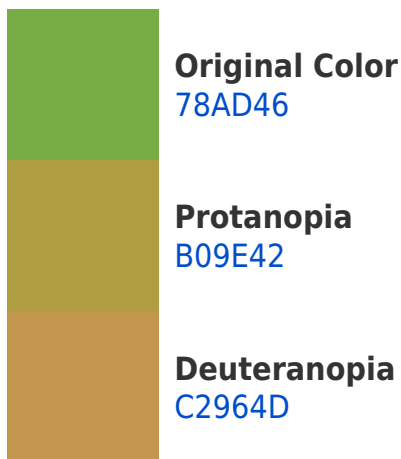


This preview shows how white text looks on a background with the Hex color 78AD46.

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](#).

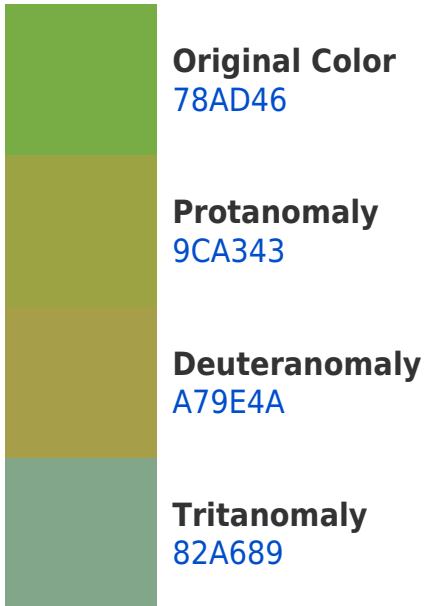
Dichromacy



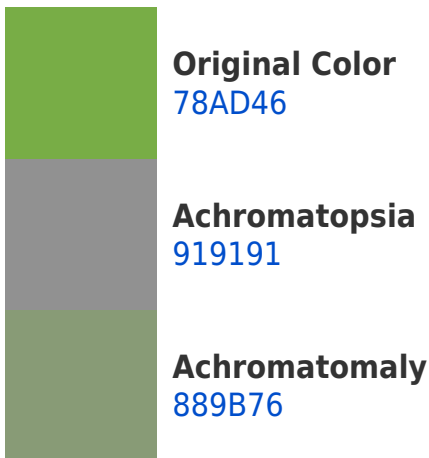


Tritanopia
87A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AD46 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 #78AD46 looks like.

```
.text, #text, p{  
    color:#78AD46  
}
```

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 #78AD46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AD46
}
```

Border

The CSS property to change the border of an element to Hex 78AD46 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
#78AD46 }
```

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

```
.border{ border-color:#78AD46 }
```

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

Here you see how a box with a 4 pixel #78AD46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AD46; -webkit-box-shadow:4px 4px  
4px 4px #78AD46; box-shadow:4px 4px 4px  
4px #78AD46 }
```

Background

The CSS property to change the background color of an element to Hex 78AD46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AD46 }
```

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

```
.background{ background-color:#78AD46 }
```

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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