

Converting Colors

Hex(78B14A)

Have a look what the booklet for
Hex(78B14A) contains.

Hex(78B14A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78B14A)

Conversions

Conversions Part 1

Format	Color
Hex	78B14A
RGB	120, 177, 74
RGB Percent	47%, 69%, 29%
CMY	0.5294, 0.3059, 0.7098
CMYK	0.32, 0.00, 0.58, 0.31
HSL	93°, 41%, 49%
HSV	93°, 58%, 69%
XYZ	24.7039, 35.9318, 12.1121
YIQ	148.2150, -0.9090, -44.1170

Conversions

Conversions Part 2

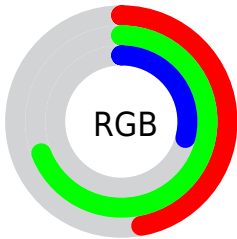
Format	Color
RYB	74, 177, 131
Decimal	7909706
CIELab	66.47, -36.38, 46.00
CIELCh	66, 58.643, 128.336
Yxy	35.9318, 0.3396, 0.4939
Android (android.graphics.Color)	4286099786 (0xFF78B14A)
YUV	148.2150, -36.5880, -24.7446
Hunter-Lab	59.9431, -31.3366, 29.9801

Details

The Hex color **78B14A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **834AB1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AFE97E**, and **427C15** is the 20% darker color. If you saturate the color by 10%, you get **6EB138**, and if you desaturate by 10%, it is **82B15C**.

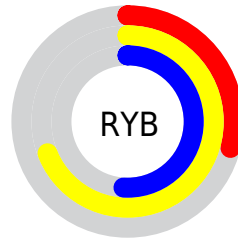
Distribution



Red (47%)

Green (69%)

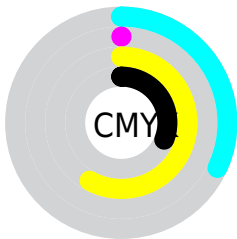
Blue (29%)



Red (29%)

Yellow (69%)

Blue (51%)

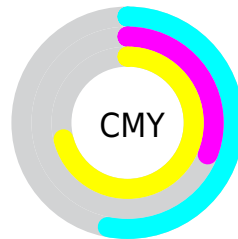


Cyan (32%)

Magenta (0%)

Yellow (58%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B14A 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 78B14A by changing the saturation by 10% instead.

 78B14A

 78B14A

FFFFFF

 5D9630

 AFE97E

 427C15

 CCFF99

 276300

 E9FFB4

 084A00

 FFFFD0

 003300

 FFFFED

 001F00

 000000

 78B14A

 78B14A

 6EB138

 82B15C

 64B127

 8CB16D

 5BB115

 95B17F

 51B103

 9FB191

 4FB100

 A9B1A3

 B3B1B4

 BDB1C6

 C6B1D8

 D0B1E9

Harmonies

Analogous

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



B0A431



78B14A



02B979

Triad

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



78B14A



00B2FF



FF7195

Complementary

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



78B14A



834AB1

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.



ED79CA



78B14A



55A3FF

Square

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



78B14A



00B9E2



B88DF5



FB7D63

Rectangle

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



78B14A



00BB9D



B88DF5



FE72A7

Sweetspot

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



78B14A



D0E6BE



B1834A



66735C



F2F2F2



737373

Same Dimension

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



78B14A



8DE645



4AB14F



545950



449900



0B1A00

Inverse Universe

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



834AB1



9E45E6



B14AAC



555059



550099



0E001A

Previews

White Background



This preview shows how the Hex color 78B14A looks on a white background.

Color Contrast Check

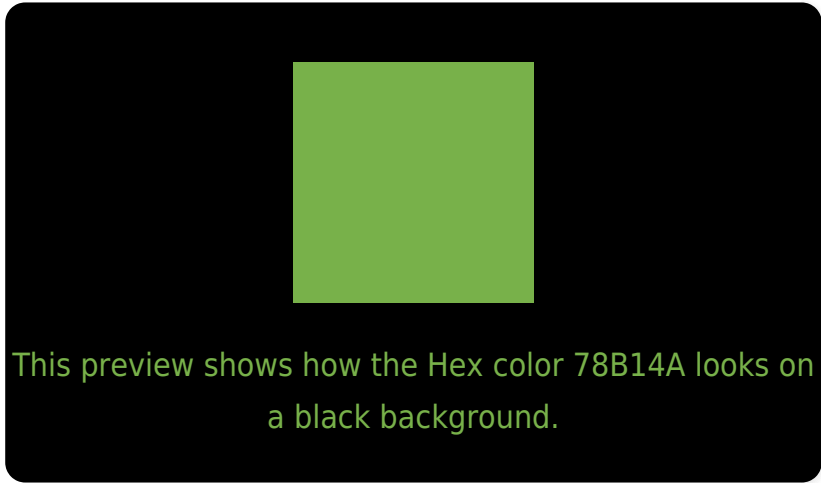
Large Text (above 18pt) WCAG AA × Fail

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 78B14A Background



This preview shows how black text looks on a background with the Hex color 78B14A.

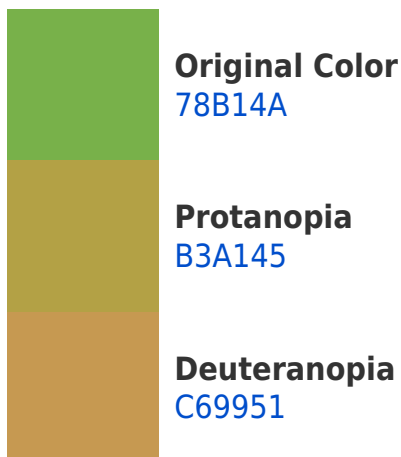


This preview shows how white text looks on a background with the Hex color 78B14A.

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
88A6B3

Trichromacy



Original Color
78B14A



Protanomaly
9EA747



Deuteranomaly
AAA24E



Tritanomaly
82AA8D

Monochromacy



Original Color
78B14A



Achromatopsia
949494



Achromatomaly
8A9F79

CSS Examples

Text

The CSS property to change the color of the text to Hex 78B14A 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 #78B14A looks like.

```
.text, #text, p{  
    color:#78B14A  
}
```

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 #78B14A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B14A
}
```

Border

The CSS property to change the border of an element to Hex 78B14A 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
#78B14A }
```

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

```
.border{ border-color:#78B14A }
```

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

Here you see how a box with a 4 pixel #78B14A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B14A; -webkit-box-shadow:4px 4px  
4px 4px #78B14A; box-shadow:4px 4px 4px  
4px #78B14A }
```

Background

The CSS property to change the background color of an element to Hex 78B14A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B14A }
```

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

```
.background{ background-color:#78B14A }
```

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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