

Converting Colors

Hex(78B14E)

Have a look what the booklet for
Hex(78B14E) contains.

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Color

Hex(78B14E)

Conversions

Conversions Part 1

Format	Color
Hex	78B14E
RGB	120, 177, 78
RGB Percent	47%, 69%, 31%
CMY	0.5294, 0.3059, 0.6941
CMYK	0.32, 0.00, 0.56, 0.31
HSL	95°, 39%, 50%
HSV	95°, 56%, 69%
XYZ	24.8430, 35.9874, 12.8446
YIQ	148.6710, -2.1930, -42.8730

Conversions

Conversions Part 2

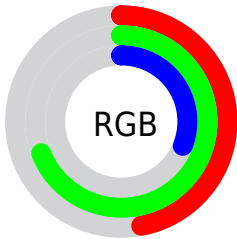
Format	Color
RYB	78, 177, 135
Decimal	7909710
CIELab	66.51, -35.96, 44.17
CIElCh	67, 56.958, 129.150
Yxy	35.9874, 0.3372, 0.4885
Android (android.graphics.Color)	4286099790 (0xFF78B14E)
YUV	148.6710, -34.8408, -25.1445
Hunter-Lab	59.9895, -31.0607, 29.2978

Details

The Hex color **78B14E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **874EB1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **AFE982**, and **437C1A** is the 20% darker color. If you saturate the color by 10%, you get **6EB13C**, and if you desaturate by 10%, it is **82B160**.

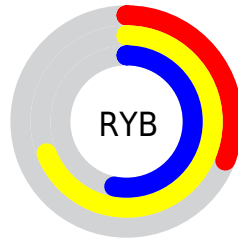
Distribution



Red (47%)

Green (69%)

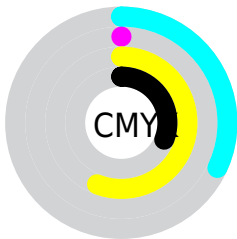
Blue (31%)



Red (31%)

Yellow (69%)

Blue (53%)

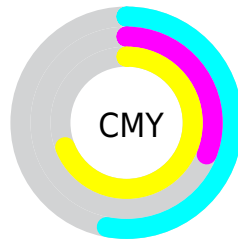


Cyan (32%)

Magenta (0%)

Yellow (56%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78B14E 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 78B14E by changing the saturation by 10% instead.



78B14E



78B14E

FFFFFF



5D9635



AFE982



437C1A



CBFF9D



276300



E8FFB8



084A00



FFFFD4



003300



FFFFFF1



001F00



000000



78B14E



78B14E



6EB13C



82B160

 64B12B

 8CB171

 59B119

 97B183

 4FB107

 A1B195

 4BB100

 ABB1A7

 B5B1B8

 BFB1CA

 CAB1DC

 D4B1ED

Harmonies

Analogous

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



AFA435



78B14E



10B87B

Triad

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



78B14E



00B1FF



FF7494

Complementary

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



78B14E



874EB1

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.



EC7AC7



78B14E



5EA2FF

Square

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



78B14E



00B9E1



B98EF2



F87F64

Rectangle

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



78B14E



00BB9F



B98EF2



FD74A5

Sweetspot

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



78B14E



CFE6BE



B1864E



66735C



F2F2F2



737373

Same Dimension

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



78B14E



8DE64C



4EB155



545950



419900



0B1A00

Inverse Universe

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



874EB1



A44CE6



B14EAA



555059



580099



0F001A

Previews

White Background



This preview shows how the Hex color 78B14E looks on a white background.

Color Contrast Check

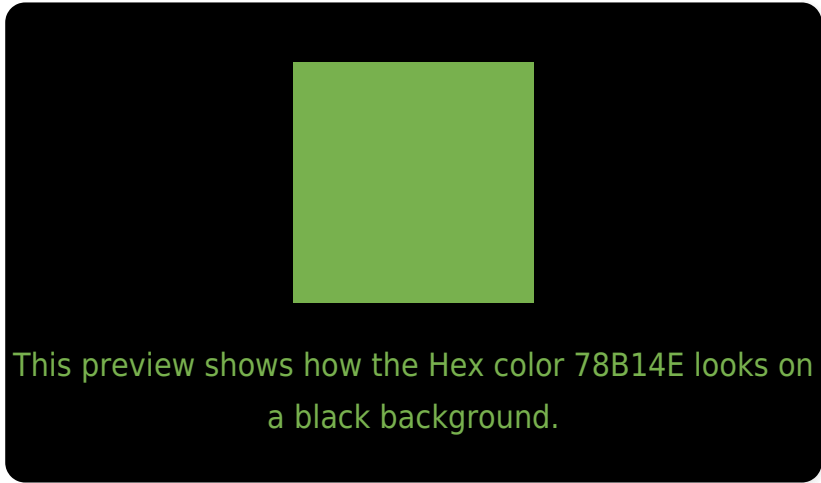
Large Text (above 18pt) WCAG AA × Fail

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 78B14E Background



This preview shows how black text looks on a background with the Hex color 78B14E.

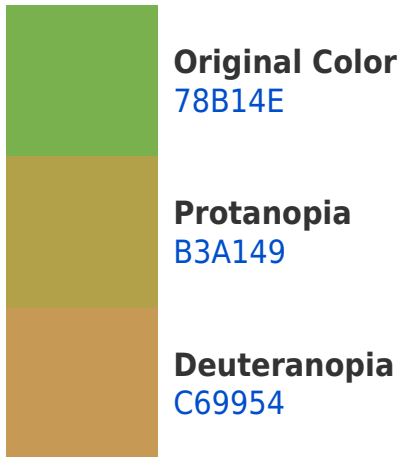


This preview shows how white text looks on a background with the Hex color 78B14E.

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
87A6B4

Trichromacy



Original Color
78B14E



Protanomaly
9EA74B



Deuteranomaly
AAA252



Tritanomaly
82AA8F

Monochromacy



Original Color
78B14E



Achromatopsia
959595



Achromatomaly
8A9F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 78B14E 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 #78B14E looks like.

```
.text, #text, p{  
    color:#78B14E  
}
```

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 #78B14E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78B14E
}
```

Border

The CSS property to change the border of an element to Hex 78B14E 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
#78B14E }
```

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

```
.border{ border-color:#78B14E }
```

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

Here you see how a box with a 4 pixel #78B14E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78B14E; -webkit-box-shadow:4px 4px  
4px 4px #78B14E; box-shadow:4px 4px 4px  
4px #78B14E }
```

Background

The CSS property to change the background color of an element to Hex 78B14E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78B14E }
```

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

```
.background{ background-color:#78B14E }
```

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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