

Converting Colors

Hex(78AD17)

Have a look what the booklet for
Hex(78AD17) contains.

Hex(78AD17)	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(78AD17)

Conversions

Conversions Part 1

Format	Color
Hex	78AD17
RGB	120, 173, 23
RGB Percent	47%, 68%, 9%
CMY	0.5294, 0.3216, 0.9098
CMYK	0.31, 0.00, 0.87, 0.32
HSL	81°, 77%, 38%
HSV	81°, 87%, 68%
XYZ	22.8440, 33.9421, 6.1581
YIQ	140.0530, 16.5620, -57.8860

Conversions

Conversions Part 2

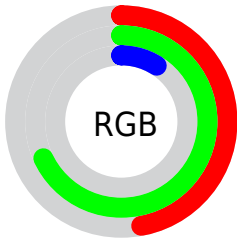
Format	Color
RYB	23, 173, 76
Decimal	7908631
CIELab	64.92, -37.91, 62.74
CIElCh	65, 73.303, 121.139
Yxy	33.9421, 0.3629, 0.5392
Android (android.graphics.Color)	4286098711 (0xFF78AD17)
YUV	140.0530, -57.7071, -17.5865
Hunter-Lab	58.2598, -31.9640, 34.5149

Details

The Hex color **78AD17** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4C17AD**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B1E555**, and **407800** is the 20% darker color. If you saturate the color by 10%, you get **72AD06**, and if you desaturate by 10%, it is **7EAD28**.

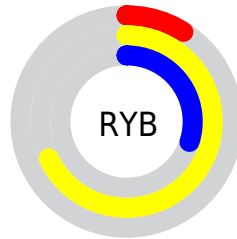
Distribution



Red (47%)

Green (68%)

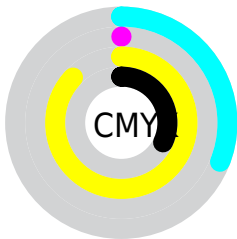
Blue (9%)



Red (9%)

Yellow (68%)

Blue (30%)

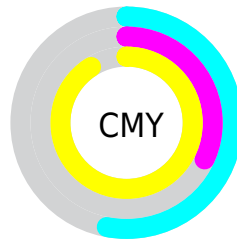


Cyan (31%)

Magenta (0%)

Yellow (87%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AD17 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 78AD17 by changing the saturation by 10% instead.

 78AD17

 78AD17

FFFFFF

 5C9200

 B1E555

 407800

 CDFF70

 245F00

 EBFF8C

 004700

 FFFFA8

 003000

 FFFFC4

 001A00

 FFFFE1

 000000

 78AD17

 78AD17

 72AD06

 7EAD28

 70AD00

 84AD3A

 8AAD4B

 90AD5C

 97AD6E

 9DAD7F

 A3AD90

 A9ADA1

 AFADB3

Harmonies

Analogous

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



BA9B00



78AD17



00B75A

Triad

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



78AD17



00B4FF



FF589E

Complementary

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



78AD17



4C17AD

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.



ED6BDE



78AD17



00A5FF

Square

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



78AD17



00BBE0



9E8BFF



FF655E

Rectangle

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



78AD17



00BA87



9E8BFF



FF5BB4

Sweetspot

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



78AD17



CCE0A6



AD4C17



64704D



F0F0F0



707070

Same Dimension

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



78AD17



91E000



2EAD17



54574E



619600



0F1700

Inverse Universe

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



4C17AD



4F00E0



9617AD



514E57



350096



080017

Previews

White Background



This preview shows how the Hex color 78AD17 looks on a white background.

Color Contrast Check

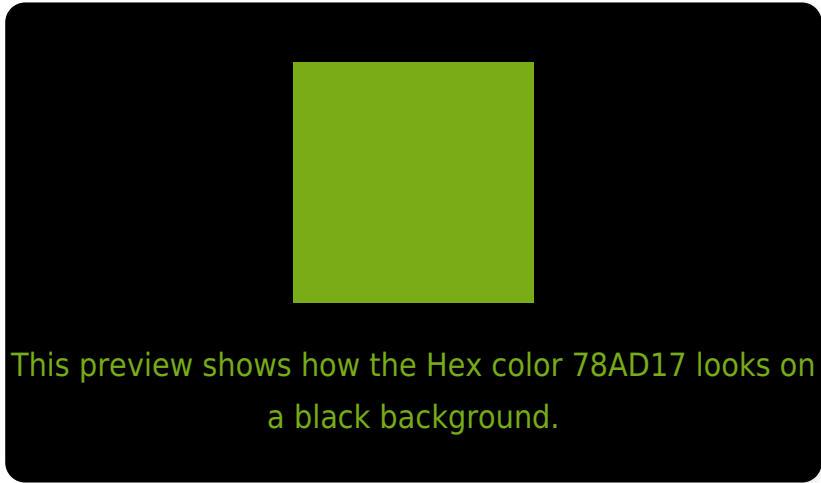
Large Text (above 18pt) WCAG AA × Fail

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 78AD17 Background



This preview shows how black text looks on a background with the Hex color 78AD17.



This preview shows how white text looks on a background with the Hex color 78AD17.

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
78AD17

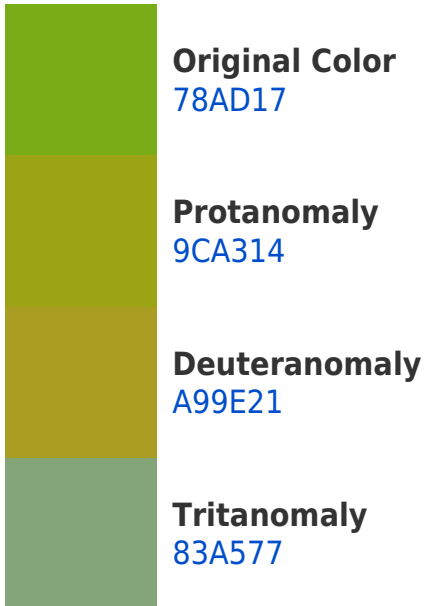
Protanopia
B19D12

Deuteranopia
C59527



Tritanopia
89A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AD17 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 #78AD17 looks like.

```
.text, #text, p{  
    color:#78AD17  
}
```

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 #78AD17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AD17
}
```

Border

The CSS property to change the border of an element to Hex 78AD17 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
#78AD17 }
```

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

```
.border{ border-color:#78AD17 }
```

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

Here you see how a box with a 4 pixel #78AD17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AD17; -webkit-box-shadow:4px 4px  
4px 4px #78AD17; box-shadow:4px 4px 4px  
4px #78AD17 }
```

Background

The CSS property to change the background color of an element to Hex 78AD17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AD17 }
```

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

```
.background{ background-color:#78AD17 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor