

Converting Colors

Hex(78AA06)

Have a look what the booklet for
Hex(78AA06) contains.

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Color

Hex(78AA06)

Conversions

Conversions Part 1

Format	Color
Hex	78AA06
RGB	120, 170, 6
RGB Percent	47%, 67%, 2%
CMY	0.5294, 0.3333, 0.9765
CMYK	0.29, 0.00, 0.96, 0.33
HSL	78°, 93%, 35%
HSV	78°, 96%, 67%
XYZ	22.1533, 32.7557, 5.3272
YIQ	136.3540, 22.8440, -61.6040

Conversions

Conversions Part 2

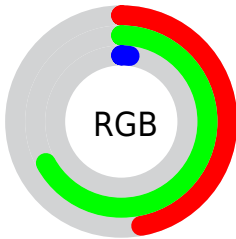
Format	Color
RYB	6, 170, 56
Decimal	7907846
CIELab	63.96, -36.96, 64.72
CIELCh	64, 74.528, 119.730
Yxy	32.7557, 0.3678, 0.5438
Android (android.graphics.Color)	4286097926 (0xFF78AA06)
YUV	136.3540, -64.2645, -14.3425
Hunter-Lab	57.2326, -31.0640, 34.5441

Details

The Hex color **78AA06** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3806AA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B1E24D**, and **407500** is the 20% darker color. If you saturate the color by 10%, you get **76AA00**, and if you desaturate by 10%, it is **7DAA17**.

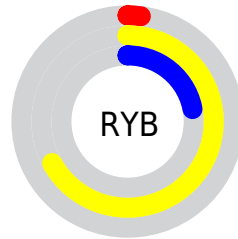
Distribution



Red (47%)

Green (67%)

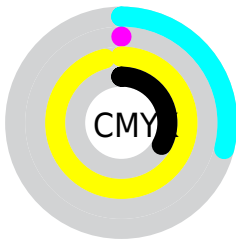
Blue (2%)



Red (2%)

Yellow (67%)

Blue (22%)

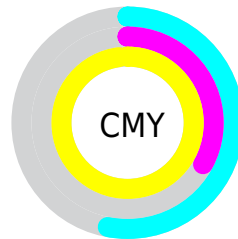


Cyan (29%)

Magenta (0%)

Yellow (96%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AA06 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 78AA06 by changing the saturation by 10% instead.

 78AA06

 78AA06

FFFFFF

 5C8F00

 B1E24D

 407500

 CEFE69

 235C00

 EBFF85

 004400

 FFFFA1

 002E00

 FFFFBD

 001600

 FFFFDA

 000000

 FFFFF8

 78AA06

 78AA06

■ 76AA00

■ 7DAA17

■ 82AA28

■ 88AA39

■ 8DAA4A

■ 92AA5B

■ 97AA6C

■ 9CAA7D

■ A1AA8E

■ A7AA9F

Harmonies

Analogous

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



BA9800



78AA06



00B454

Triad

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



78AA06



00B2FF



FF539E

Complementary

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



78AA06



3806AA

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.



E969DF



78AA06



00A3FF

Square

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



78AA06



00B9DB



9589FF



FF5F5D

Rectangle

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



78AA06



00B881



9589FF



FF57B5

Sweetspot

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



78AA06



CADE9E



AA3706



647049



F0F0F0



707070

Same Dimension

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



78AA06



9ADE00



27AA06



52544C



679400



0E1400

Inverse Universe

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



3806AA



4400DE



8906AA



4E4C54



2D0094



060014

Previews

White Background



This preview shows how the Hex color 78AA06 looks on a white background.

Color Contrast Check

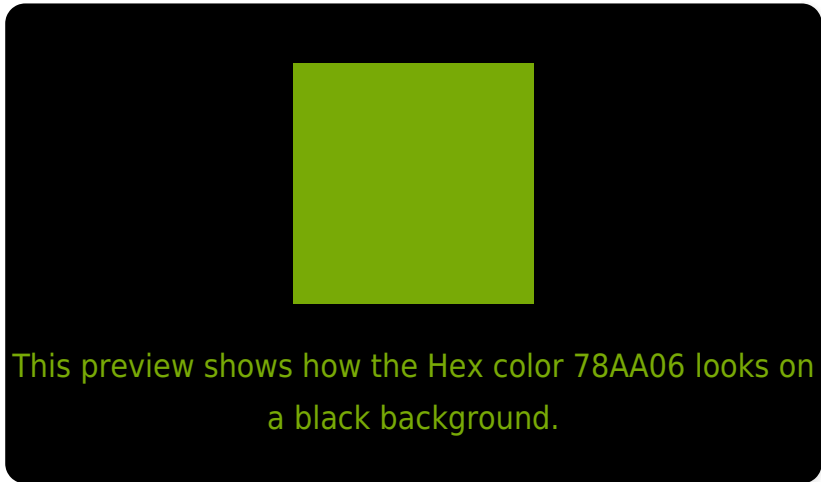
Large Text (above 18pt) WCAG AA × Fail

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 78AA06 Background



This preview shows how black text looks on a background with the Hex color 78AA06.

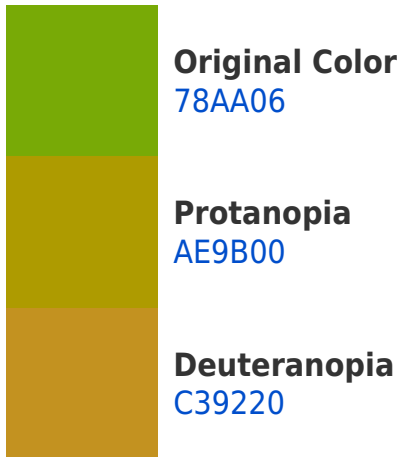


This preview shows how white text looks on a background with the Hex color 78AA06.

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
889EAB

Trichromacy



Original Color
78AA06

Protanomaly
9AA002

Deuteranomaly
A89B17

Tritanomaly
82A26F

Monochromacy



Original Color
78AA06

Achromatopsia
888888

Achromatomaly
829459

CSS Examples

Text

The CSS property to change the color of the text to Hex 78AA06 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 #78AA06 looks like.

```
.text, #text, p{  
    color:#78AA06  
}
```

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 #78AA06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AA06  
}
```

Border

The CSS property to change the border of an element to Hex 78AA06 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  
#78AA06 }
```

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

```
.border{ border-color:#78AA06 }
```

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

Here you see how a box with a 4 pixel #78AA06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AA06; -webkit-box-shadow:4px 4px  
4px 4px #78AA06; box-shadow:4px 4px 4px  
4px #78AA06 }
```

Background

The CSS property to change the background color of an element to Hex 78AA06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AA06 }
```

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

```
.background{ background-color:#78AA06 }
```

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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