

Converting Colors

Hex(7A8728)

Have a look what the booklet for
Hex(7A8728) contains.

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Color

Hex(7A8728)

Conversions

Conversions Part 1

Format	Color
Hex	7A8728
RGB	122, 135, 40
RGB Percent	48%, 53%, 16%
CMY	0.5216, 0.4706, 0.8431
CMYK	0.10, 0.00, 0.70, 0.47
HSL	68°, 54%, 34%
HSV	68°, 70%, 53%
XYZ	17.0730, 21.6187, 5.2805
YIQ	120.2830, 22.7470, -32.3010

Conversions

Conversions Part 2

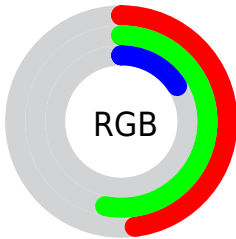
Format	Color
RYB	40, 135, 53
Decimal	8029992
CIELab	53.62, -17.97, 47.10
CIELCh	54, 50.412, 110.884
Yxy	21.6187, 0.3883, 0.4916
Android (android.graphics.Color)	4286220072 (0xFF7A8728)
YUV	120.2830, -39.5795, 1.5058
Hunter-Lab	46.4959, -15.8238, 25.8137

Details

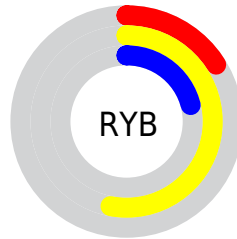
The Hex color **7A8728** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **352887**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B1BC5B**, and **465500** is the 20% darker color. If you saturate the color by 10%, you get **78871B**, and if you desaturate by 10%, it is **7C8736**.

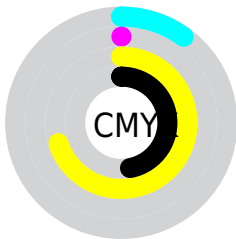
Distribution



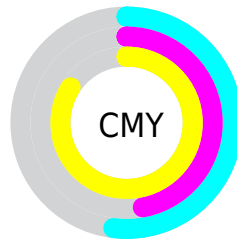
- Red (48%)
- Green (53%)
- Blue (16%)



- Red (16%)
- Yellow (53%)
- Blue (21%)



- Cyan (10%)
- Magenta (0%)
- Yellow (70%)
- Black (47%)



- Cyan (52%)
- Magenta (47%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8728 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 7A8728 by changing the saturation by 10% instead.

 7A8728

 7A8728

FFFFFF

 606E0A

 B1BC5B

 465500

 CDD875

 2D3E00

 EAF490

 142800

 FFFFAB

 001500

 FFFFC7

 000000

 FFFFE4

 7A8728

 7A8728

 78871B

 7C8736

■ 76870D

■ 7E8743

■ 758700

■ 808751

■ 81875E

■ 83876C

■ 858779

■ 878787

■ 898794

■ 8B87A2

Harmonies

Analogous

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



A37925



7A8728



459047

Triad

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



7A8728



0092C3



C85A8F

Complementary

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



7A8728



352887

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.



A868B7



7A8728



0089D6

Square

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



7A8728



00959E



6A7AD2



CF5A64

Rectangle

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



7A8728



009362



6A7AD2



C15D9E

Sweetspot

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



7A8728



ABB08B



873528



565943



D9D9D9



595959

Same Dimension

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



7A8728



9CB01C



4B8728



41423C



708200



020300

Inverse Universe

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



352887



301CB0



642887



3D3C42



120082



000003

Previews

White Background



This preview shows how the Hex color 7A8728 looks on a white background.

Color Contrast Check

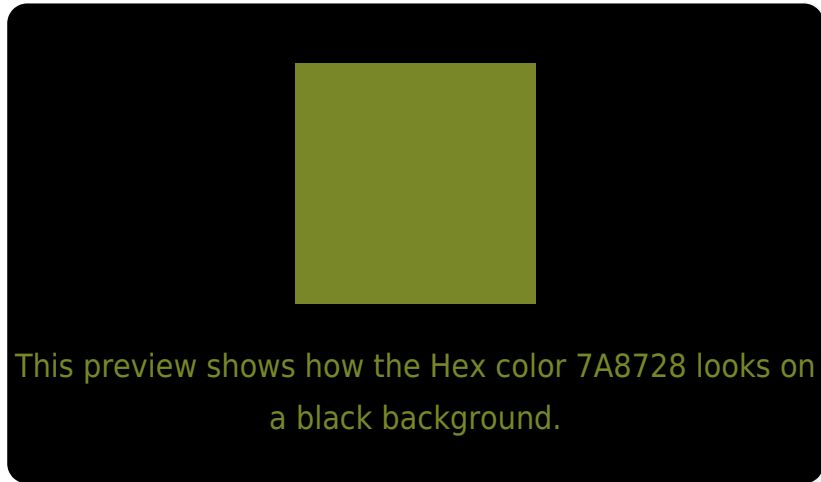
Large Text (above 18pt) WCAG AA ✓ Pass

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

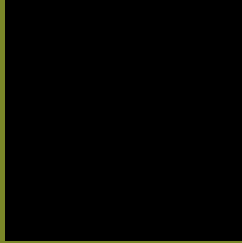
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7A8728 Background



This preview shows how black text looks on a background with the Hex color 7A8728.



This preview shows how white text looks on a background with the Hex color 7A8728.

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

7A8728

Protanopia

8F8026

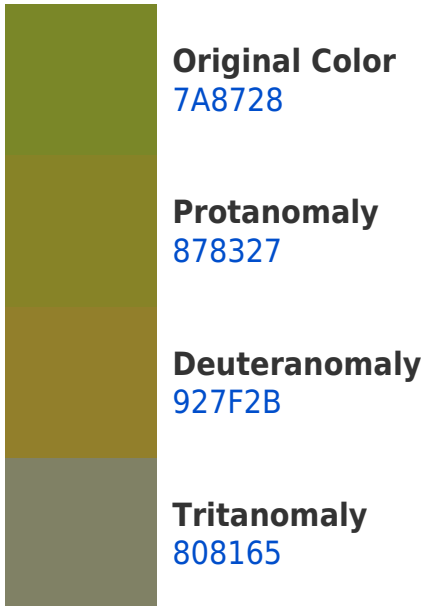
Deuteranopia

A07A2D



Tritanopia
837E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8728 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 #7A8728 looks like.

```
.text, #text, p{  
    color:#7A8728  
}
```

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 #7A8728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8728
}
```

Border

The CSS property to change the border of an element to Hex 7A8728 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
#7A8728 }
```

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

```
.border{ border-color:#7A8728 }
```

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

Here you see how a box with a 4 pixel #7A8728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8728; -webkit-box-shadow:4px 4px  
4px 4px #7A8728; box-shadow:4px 4px 4px  
4px #7A8728 }
```

Background

The CSS property to change the background color of an element to Hex 7A8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8728 }
```

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

```
.background{ background-color:#7A8728 }
```

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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