

Converting Colors

Hex(7A8C29)

Have a look what the booklet for
Hex(7A8C29) contains.

Hex(7A8C29)	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(7A8C29)

Conversions

Conversions Part 1

Format	Color
Hex	7A8C29
RGB	122, 140, 41
RGB Percent	48%, 55%, 16%
CMY	0.5216, 0.4510, 0.8392
CMYK	0.13, 0.00, 0.71, 0.45
HSL	71°, 55%, 35%
HSV	71°, 71%, 55%
XYZ	17.8044, 23.0538, 5.6093
YIQ	123.3320, 21.0510, -34.6050

Conversions

Conversions Part 2

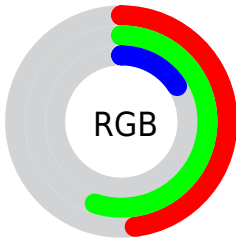
Format	Color
RYB	41, 140, 59
Decimal	8031273
CIELab	55.13, -20.50, 48.22
CIElCh	55, 52.392, 113.031
Yxy	23.0538, 0.3832, 0.4961
Android (android.graphics.Color)	4286221353 (0xFF7A8C29)
YUV	123.3320, -40.5897, -1.1682
Hunter-Lab	48.0144, -17.8351, 26.6836

Details

The Hex color **7A8C29** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3B298C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B1C25D**, and **465A00** is the 20% darker color. If you saturate the color by 10%, you get **778C1B**, and if you desaturate by 10%, it is **7D8C37**.

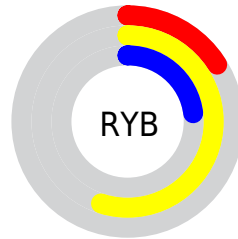
Distribution



Red (48%)

Green (55%)

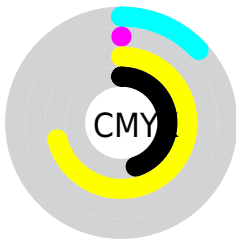
Blue (16%)



Red (16%)

Yellow (55%)

Blue (23%)

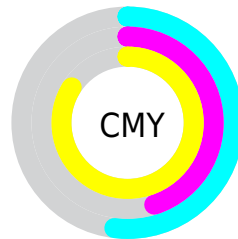


Cyan (13%)

Magenta (0%)

Yellow (71%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8C29 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 7A8C29 by changing the saturation by 10% instead.

 7A8C29

 7A8C29

FFFFFF

 60730A

 B1C25D

 465A00

 CDDD77

 2D4200

 EAFA92

 132C00

 FFFFAD

 001A00


 FFFFC9

 000000

 FFFF E5

 7A8C29

 7A8C29

 778C1B

 7D8C37

■ 758C0D

■ 7F8C45

■ 738C00

■ 828C53

■ 848C61

■ 878C6F

■ 898C7D

■ 8C8C8B

■ 8E8C99

■ 918CA7

Harmonies

Analogous

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



A57E23



7A8C29



40954B

Triad

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



7A8C29



0096CC



D15B91

Complementary

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



7A8C29



3B298C

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.



B169BB



7A8C29



008CDE

Square

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



7A8C29



009AA6



727CD8



D65D63

Rectangle

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



7A8C29



009868



727CD8



C95EA0

Sweetspot

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



7A8C29



AEB58F



8C3A29



585C45



DBDBDB



5C5C5C

Same Dimension

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



7A8C29



99B51B



4A8C29



44453E



6C8500



040500

Inverse Universe

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



3B298C



371BB5



6B298C



3F3E45



180085



010005

Previews

White Background



This preview shows how the Hex color 7A8C29 looks on a white background.

Color Contrast Check

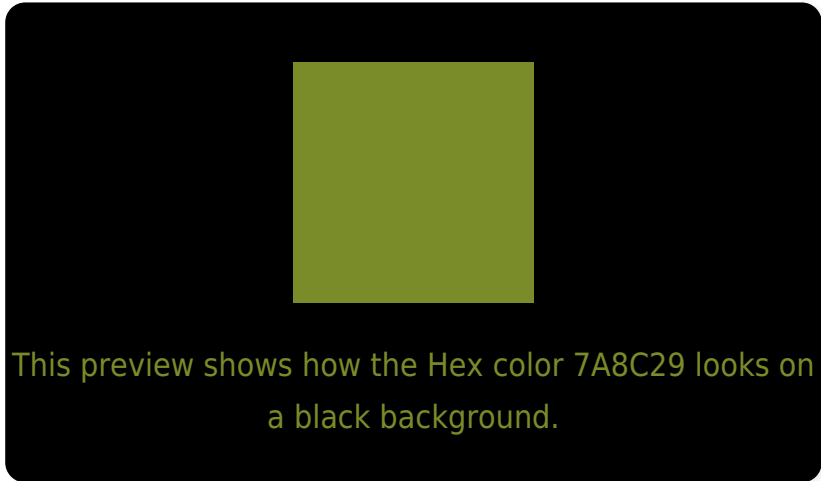
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A8C29 Background



This preview shows how black text looks on a background with the Hex color 7A8C29.

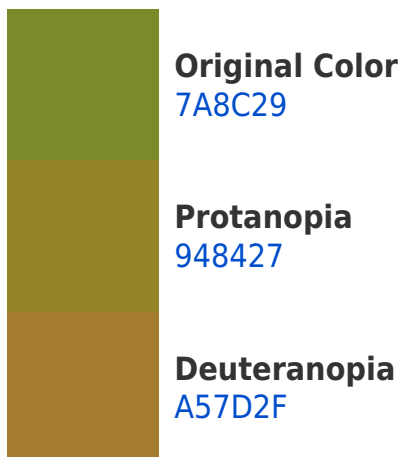



This preview shows how white text looks on a background with the Hex color 7A8C29.

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](#).

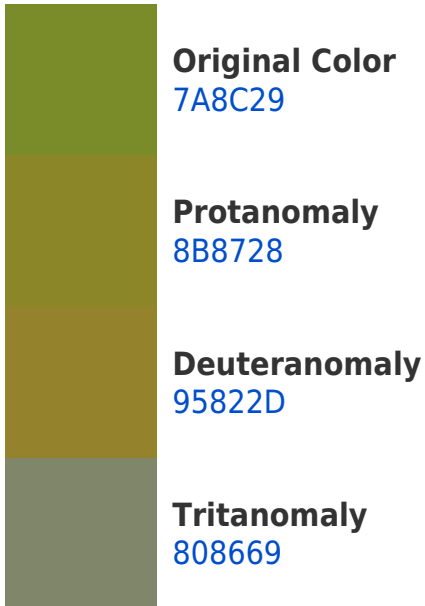
Dichromacy





Tritanopia
84838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8C29 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 #7A8C29 looks like.

```
.text, #text, p{  
    color:#7A8C29  
}
```

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 #7A8C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8C29
}
```

Border

The CSS property to change the border of an element to Hex 7A8C29 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
#7A8C29 }
```

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

```
.border{ border-color:#7A8C29 }
```

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

Here you see how a box with a 4 pixel #7A8C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8C29; -webkit-box-shadow:4px 4px  
4px 4px #7A8C29; box-shadow:4px 4px 4px  
4px #7A8C29 }
```

Background

The CSS property to change the background color of an element to Hex 7A8C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8C29 }
```

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

```
.background{ background-color:#7A8C29 }
```

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