

Converting Colors

Hex(7C9827)

Have a look what the booklet for
Hex(7C9827) contains.

Hex(7C9827)	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(7C9827)

Conversions

Conversions Part 1

Format	Color
Hex	7C9827
RGB	124, 152, 39
RGB Percent	49%, 60%, 15%
CMY	0.5137, 0.4039, 0.8471
CMYK	0.18, 0.00, 0.74, 0.40
HSL	75°, 59%, 37%
HSV	75°, 74%, 60%
XYZ	19.9066, 26.8880, 6.0602
YIQ	130.7460, 19.5850, -41.0790

Conversions

Conversions Part 2

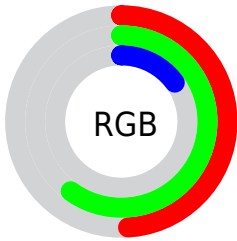
Format	Color
RYB	39, 152, 67
Decimal	8165415
CIELab	58.87, -25.79, 52.73
CIElCh	59, 58.694, 116.061
Yxy	26.8880, 0.3766, 0.5087
Android (android.graphics.Color)	4286355495 (0xFF7C9827)
YUV	130.7460, -45.2308, -5.9162
Hunter-Lab	51.8537, -22.2178, 29.3683

Details

The Hex color **7C9827** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **432798**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B3CE5C**, and **476500** is the 20% darker color. If you saturate the color by 10%, you get **789818**, and if you desaturate by 10%, it is **809836**.

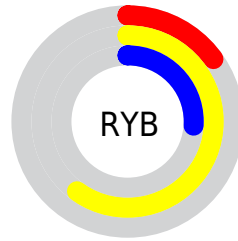
Distribution



Red (49%)

Green (60%)

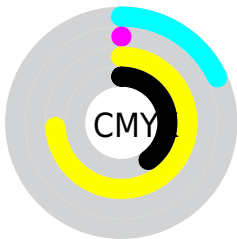
Blue (15%)



Red (15%)

Yellow (60%)

Blue (26%)

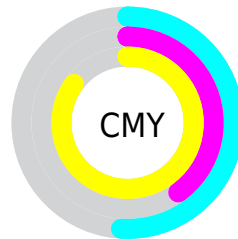


Cyan (18%)

Magenta (0%)

Yellow (74%)

Black (40%)



Cyan (51%)

Magenta (40%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C9827 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 7C9827 by changing the saturation by 10% instead.



7C9827



7C9827

FFFFFF



617E03



B3CE5C



476500



D0EB77



2E4D00



EDFF92



113600



FFFFAE



002100



FFFPCA



000000



FFFPE6



7C9827



7C9827



789818



809836

■ 749809

■ 849845

■ 729800

■ 879855

■ 8B9864

■ 8F9873

■ 939882

■ 969891

■ 9A98A1

■ 9E98B0

Harmonies

Analogous

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



AE891A



7C9827



33A151

Triad

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



7C9827



00A1E2



E65D97

Complementary

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



7C9827



432798

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.



C56CC8



7C9827



0096F5

Square

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



7C9827



00A6B9



8283EB



E96164

Rectangle

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



7C9827



00A573



8283EB



DF60A8

Sweetspot

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



7C9827



BAC499



984127



5D634A



E3E3E3



636363

Same Dimension

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



7C9827



99C416



459827



4B4D45



698C00



0A0D00

Inverse Universe

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



432798



4116C4



7A2798



47454D



23008C



03000D

Previews

White Background



This preview shows how the Hex color 7C9827 looks on a white background.

Color Contrast Check

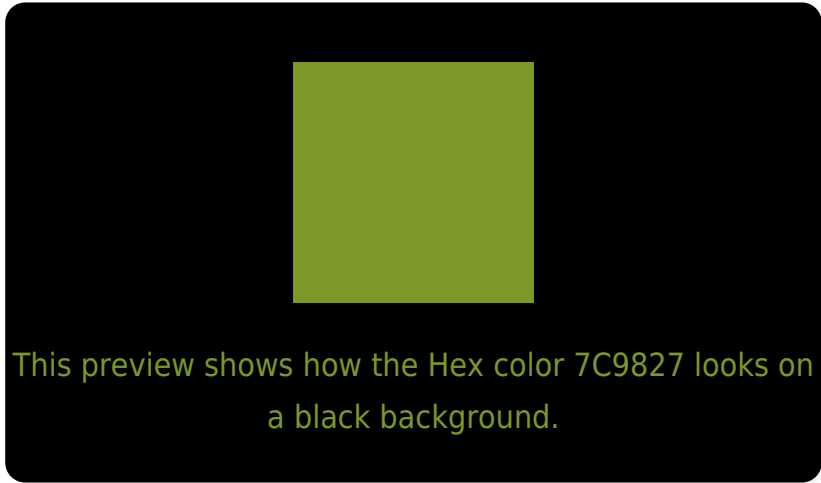
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C9827 Background



This preview shows how black text looks on a background with the Hex color 7C9827.



This preview shows how white text looks on a background with the Hex color 7C9827.

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
7C9827

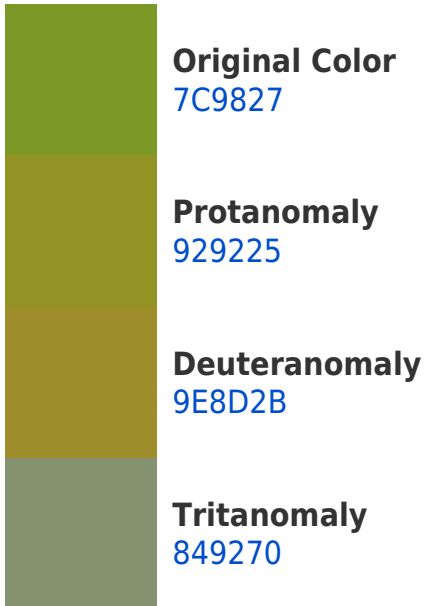
Protanopia
9F8E24

Deuteranopia
B1862E



Tritanopia
888E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C9827 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 #7C9827 looks like.

```
.text, #text, p{  
    color:#7C9827  
}
```

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 #7C9827 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C9827
}
```

Border

The CSS property to change the border of an element to Hex 7C9827 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
#7C9827 }
```

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

```
.border{ border-color:#7C9827 }
```

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

Here you see how a box with a 4 pixel #7C9827 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C9827; -webkit-box-shadow:4px 4px  
4px 4px #7C9827; box-shadow:4px 4px 4px  
4px #7C9827 }
```

Background

The CSS property to change the background color of an element to Hex 7C9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C9827 }
```

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

```
.background{ background-color:#7C9827 }
```

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