

Converting Colors

Hex(7D9E4A)

Have a look what the booklet for
Hex(7D9E4A) contains.

Hex(7D9E4A)	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(7D9E4A)

Conversions

Conversions Part 1

Format	Color
Hex	7D9E4A
RGB	125, 158, 74
RGB Percent	49%, 62%, 29%
CMY	0.5098, 0.3804, 0.7098
CMYK	0.21, 0.00, 0.53, 0.38
HSL	84°, 36%, 45%
HSV	84°, 53%, 62%
XYZ	21.9203, 29.3081, 10.9803
YIQ	138.5570, 7.2960, -33.1200

Conversions

Conversions Part 2

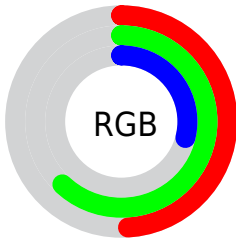
Format	Color
RYB	74, 158, 107
Decimal	8232522
CIELab	61.05, -25.50, 39.76
CIElCh	61, 47.232, 122.675
Yxy	29.3081, 0.3524, 0.4711
Android (android.graphics.Color)	4286422602 (0xFF7D9E4A)
YUV	138.5570, -31.8266, -11.8895
Hunter-Lab	54.1370, -22.4641, 25.8704

Details

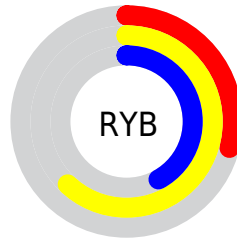
The Hex color **7D9E4A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6B4A9E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B3D57D**, and **496A18** is the 20% darker color. If you saturate the color by 10%, you get **779E3A**, and if you desaturate by 10%, it is **839E5A**.

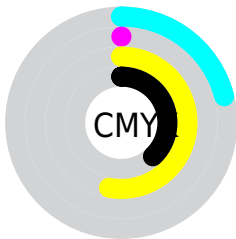
Distribution



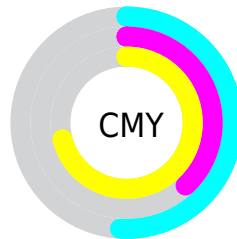
- Red (49%)
- Green (62%)
- Blue (29%)



- Red (29%)
- Yellow (62%)
- Blue (42%)



- Cyan (21%)
- Magenta (0%)
- Yellow (53%)
- Black (38%)



- Cyan (51%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D9E4A 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 7D9E4A by changing the saturation by 10% instead.



7D9E4A



7D9E4A

FFFFFF



638431



B3D57D



496A18



CFF197



305200



ECFFB3



193B00



FFFFCF



002500



FFFEB



000700



000000



7D9E4A



7D9E4A



779E3A



839E5A

719E2A

899E6A

6A9E1B

909E79

649E0B

969E89

609E00

9C9E99

A29EA9

A89EB9

AF9EC8

B59ED8

Harmonies

Analogous

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



A8923C



7D9E4A



44A56B

Triad

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



7D9E4A



00A2DD



E06F91

Complementary

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



7D9E4A



6B4A9E

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.



CA77BA



7D9E4A



4D97E7

Square

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



7D9E4A



00A7BF



9B87DA



DE7569

Rectangle

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



7D9E4A



00A887



9B87DA



DB719F

Sweetspot

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



7D9E4A



C2CFAE



9E6A4A



616955



E8E8E8



696969

Same Dimension

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



7D9E4A



9BCF4A



549E4A



4C4F47



578F00



090F00

Inverse Universe

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



6B4A9E



7E4ACF



944A9E



4A474F



38008F



06000F

Previews

White Background



This preview shows how the Hex color 7D9E4A looks on a white background.

Color Contrast Check

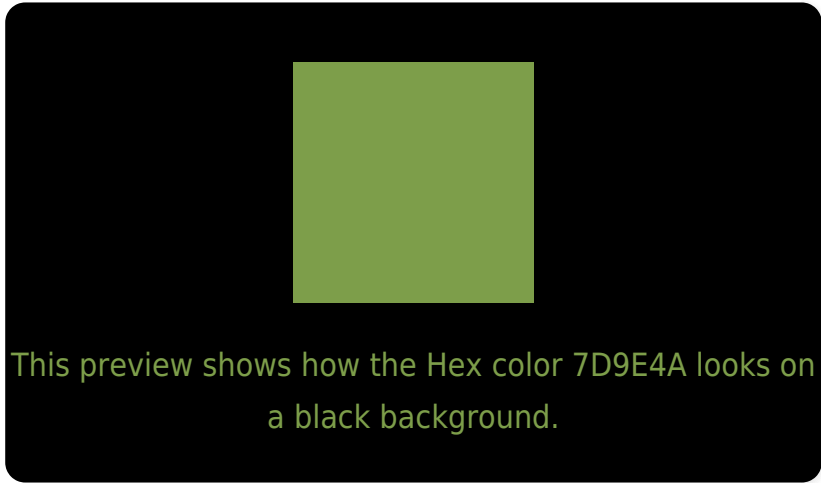
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D9E4A Background



This preview shows how black text looks on a background with the Hex color 7D9E4A.



This preview shows how white text looks on a background with the Hex color 7D9E4A.

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
7D9E4A

Protanopia
A39346

Deuteranopia
B48C4F



Tritanopia
8895A1

Trichromacy



Original Color
7D9E4A

Protanomaly
959747

Deuteranomaly
A0934D

Tritanomaly
849881

Monochromacy



Original Color
7D9E4A

Achromatopsia
8B8B8B

Achromatomaly
869273

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D9E4A 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 #7D9E4A looks like.

```
.text, #text, p{  
    color:#7D9E4A  
}
```

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 #7D9E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9E4A
}
```

Border

The CSS property to change the border of an element to Hex 7D9E4A 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
#7D9E4A }
```

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

```
.border{ border-color:#7D9E4A }
```

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

Here you see how a box with a 4 pixel #7D9E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9E4A; -webkit-box-shadow:4px 4px  
4px 4px #7D9E4A; box-shadow:4px 4px 4px  
4px #7D9E4A }
```

Background

The CSS property to change the background color of an element to Hex 7D9E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9E4A }
```

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

```
.background{ background-color:#7D9E4A }
```

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