

Converting Colors

Hex(7A9045)

Have a look what the booklet for
Hex(7A9045) contains.

Hex(7A9045)	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(7A9045)

Conversions

Conversions Part 1

Format	Color
Hex	7A9045
RGB	122, 144, 69
RGB Percent	48%, 56%, 27%
CMY	0.5216, 0.4353, 0.7294
CMYK	0.15, 0.00, 0.52, 0.44
HSL	78°, 35%, 42%
HSV	78°, 52%, 56%
XYZ	19.0735, 24.5138, 9.3566
YIQ	128.8720, 10.9630, -27.9890

Conversions

Conversions Part 2

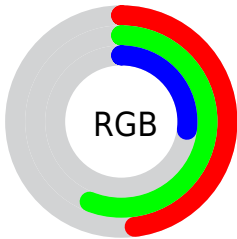
Format	Color
RYB	69, 144, 91
Decimal	8032325
CIELab	56.60, -20.19, 36.91
CIELCh	57, 42.076, 118.683
Yxy	24.5138, 0.3603, 0.4630
Android (android.graphics.Color)	4286222405 (0xFF7A9045)
YUV	128.8720, -29.5169, -6.0267
Hunter-Lab	49.5114, -17.8806, 23.4534

Details

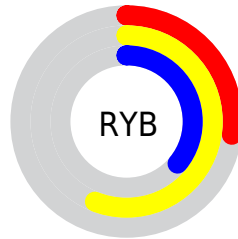
The Hex color **7A9045** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B4590**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B0C677**, and **475E14** is the 20% darker color. If you saturate the color by 10%, you get **769037**, and if you desaturate by 10%, it is **7E9053**.

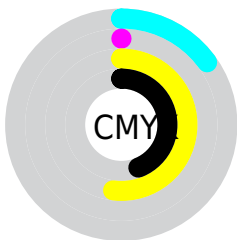
Distribution



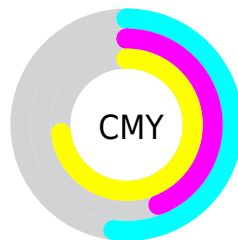
- Red (48%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (52%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A9045 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 7A9045 by changing the saturation by 10% instead.

 7A9045

 7A9045

FFFFFF

 60762D

 B0C677

 475E14

 CCE291

 2F4600

 E8FFAC

 172F00

 FFFFC8

 001C00

 FFFF E5

 000000

 7A9045

 7A9045

 769037

 7E9053

 729028

 829062

■ 6D901A

■ 879070

■ 69900B

■ 8B907F

■ 669000

■ 8F908D

■ 93909B

■ 9890AA

■ 9C90B8

■ A090C7

Harmonies

Analogous

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



9F853C



7A9045



4C9760

Triad

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



7A9045



0095C6



CA698B

Complementary

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



7A9045



5B4590

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.



B471AE



7A9045



428CD1

Square

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



7A9045



009AAA



887FC8



CB6C67

Rectangle

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



7A9045



179A78



887FC8



C56B97

Sweetspot

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



7A9045



B1BA9C



905A45



595E4C



DEDEDE



5E5E5E

Same Dimension

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



7A9045



98BA45



559045



454740



608700



050800

Inverse Universe

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



5B4590



6745BA



804590



424047



280087



020008

Previews

White Background



This preview shows how the Hex color 7A9045 looks on a white background.

Color Contrast Check

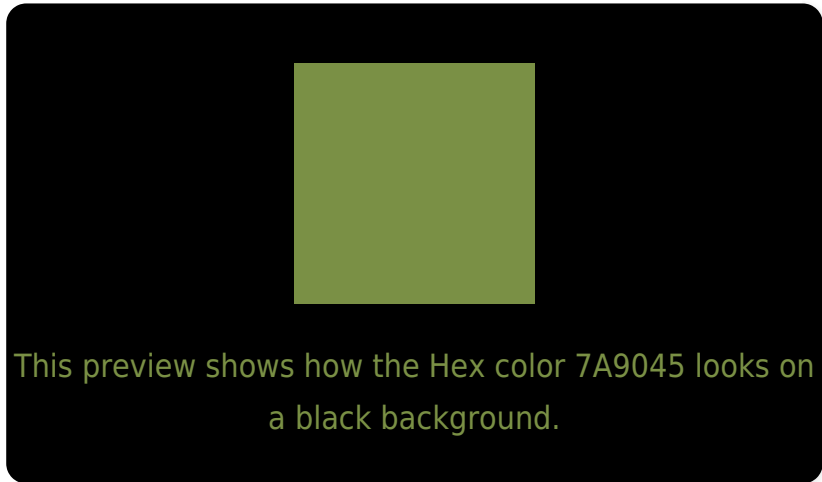
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A9045 Background



This preview shows how black text looks on a background with the Hex color 7A9045.



This preview shows how white text looks on a background with the Hex color 7A9045.

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
7A9045

Protanopia
968842

Deuteranopia
A68149

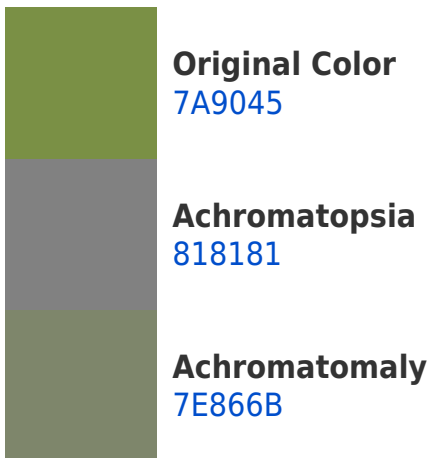


Tritanopia
848892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A9045 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 #7A9045 looks like.

```
.text, #text, p{  
    color:#7A9045  
}
```

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 #7A9045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9045
}
```

Border

The CSS property to change the border of an element to Hex 7A9045 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
#7A9045 }
```

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

```
.border{ border-color:#7A9045 }
```

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

Here you see how a box with a 4 pixel #7A9045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9045; -webkit-box-shadow:4px 4px  
4px 4px #7A9045; box-shadow:4px 4px 4px  
4px #7A9045 }
```

Background

The CSS property to change the background color of an element to Hex 7A9045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9045 }
```

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

```
.background{ background-color:#7A9045 }
```

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