

Converting Colors

Hex(7B9655)

Have a look what the booklet for
Hex(7B9655) contains.

Hex(7B9655)	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(7B9655)

Conversions

Conversions Part 1

Format	Color
Hex	7B9655
RGB	123, 150, 85
RGB Percent	48%, 59%, 33%
CMY	0.5176, 0.4118, 0.6667
CMYK	0.18, 0.00, 0.43, 0.41
HSL	85°, 28%, 46%
HSV	85°, 43%, 59%
XYZ	20.7144, 26.6795, 12.6522
YIQ	134.5170, 4.7730, -25.9390

Conversions

Conversions Part 2

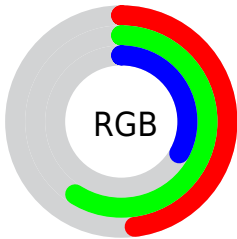
Format	Color
R_{YB}	85, 150, 112
Decimal	8099413
CIE _{Lab}	58.68, -20.99, 31.16
CIE _{LCh}	59, 37.566, 123.964
Yxy	26.6795, 0.3450, 0.4443
Android (android.graphics.Color)	4286289493 (0xFF7B9655)
YUV	134.5170, -24.4119, -10.1004
Hunter-Lab	51.6522, -18.8064, 21.6335

Details

The Hex color **7B9655** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **705596**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B1CC88**, and **496326** is the 20% darker color. If you saturate the color by 10%, you get **759646**, and if you desaturate by 10%, it is **819664**.

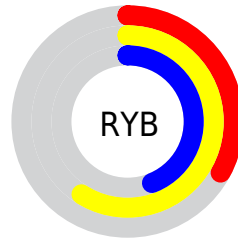
Distribution



Red (48%)

Green (59%)

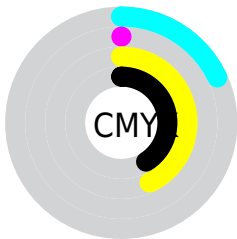
Blue (33%)



Red (33%)

Yellow (59%)

Blue (44%)

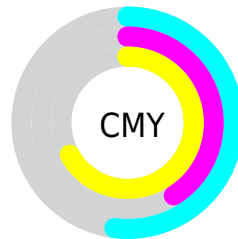


Cyan (18%)

Magenta (0%)

Yellow (43%)

Black (41%)



Cyan (52%)

Magenta (41%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9655 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 7B9655 by changing the saturation by 10% instead.



7B9655



7B9655

FFFFFF



617C3D



B1CC88



496326



CCE8A2



304B0E



E9FFBE



1B3400



FFFFDA



002000



FFFFF6



000000



7B9655



7B9655



759646



819664



6F9637



879673

■ 689628

■ 8E9682

■ 629619

■ 949691

■ 5C960A

■ 9A96A0

■ 589600

■ A096AF

■ A796BE

■ AD96CD

■ B396DC

Harmonies

Analogous

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



9E8D4A



7B9655



519C6F

Triad

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



7B9655



0298C8



CB738A

Complementary

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



7B9655



705596

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.



BA78AB



7B9655



618FCF

Square

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



7B9655



009DB1



9683C4



CA776A

Rectangle

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



7B9655



2C9E85



9683C4



C77395

Sweetspot

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



7B9655



B7C2A9



966F55



5A6151



E0E0E0



616161

Same Dimension

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



7B9655



98C25D



5C9655



474A43



518A00



060A00

Inverse Universe

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



705596



875DC2



905596



46434A



39008A



04000A

Previews

White Background



This preview shows how the Hex color 7B9655 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

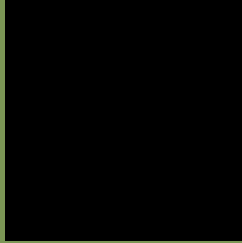
Any Text WCAG AA ✓ Pass

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 7B9655 Background



This preview shows how black text looks on a background with the Hex color 7B9655.

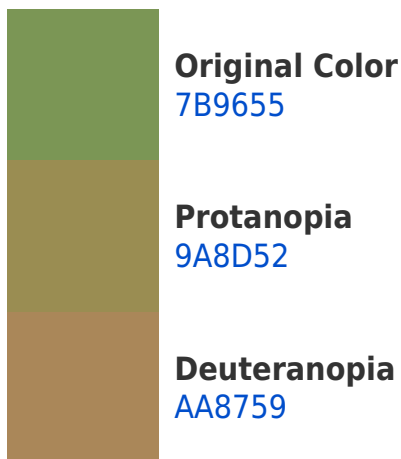


This preview shows how white text looks on a background with the Hex color 7B9655.

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
848E99

Trichromacy



Original Color
7B9655

Protanomaly
8F9053

Deuteranomaly
998C58

Tritanomaly
819180

Monochromacy



Original Color
7B9655

Achromatopsia
878787

Achromatomaly
838C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9655 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 #7B9655 looks like.

```
.text, #text, p{  
    color:#7B9655  
}
```

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 #7B9655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9655
}
```

Border

The CSS property to change the border of an element to Hex 7B9655 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
#7B9655 }
```

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

```
.border{ border-color:#7B9655 }
```

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

Here you see how a box with a 4 pixel #7B9655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9655; -webkit-box-shadow:4px 4px  
4px 4px #7B9655; box-shadow:4px 4px 4px  
4px #7B9655 }
```

Background

The CSS property to change the background color of an element to Hex 7B9655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9655 }
```

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

```
.background{ background-color:#7B9655 }
```

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