

Converting Colors

Hex(7B9676)

Have a look what the booklet for
Hex(7B9676) contains.

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Color

Hex(7B9676)

Conversions

Conversions Part 1

Format	Color
Hex	7B9676
RGB	123, 150, 118
RGB Percent	48%, 59%, 46%
CMY	0.5176, 0.4118, 0.5373
CMYK	0.18, 0.00, 0.21, 0.41
HSL	111°, 13%, 53%
HSV	111°, 21%, 59%
XYZ	22.3447, 27.3317, 21.2374
YIQ	138.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

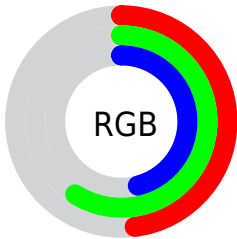
Format	Color
RYB	118, 150, 145
Decimal	8099446
CIELab	59.28, -15.89, 13.81
CIElCh	59, 21.052, 139.019
Yxy	27.3317, 0.3151, 0.3854
Android (android.graphics.Color)	4286289526 (0xFF7B9676)
YUV	138.2790, -9.9975, -13.3997
Hunter-Lab	52.2797, -15.1972, 12.5106

Details

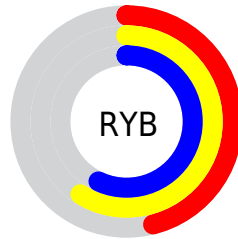
The Hex color **7B9676** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **917696**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B0CCAA**, and **4A6346** is the 20% darker color. If you saturate the color by 10%, you get **6E9667**, and if you desaturate by 10%, it is **889685**.

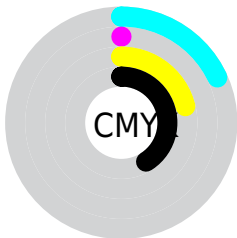
Distribution



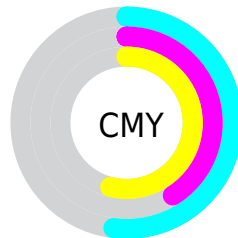
- Red (48%)
- Green (59%)
- Blue (46%)



- Red (46%)
- Yellow (59%)
- Blue (57%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9676 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 7B9676 by changing the saturation by 10% instead.

 7B9676

 7B9676

FFFFFF

 627C5D

 B0CCAA

 4A6346

 CBE8C6

 334B2F

 E8FFE2

 1C341A

FFFFFFE

 081F00

 000000

 7B9676

 7B9676

 6E9667

 889685

 629658

 949694

■ 559649

■ A196A3

■ 48963A

■ AE96B2

■ 3C962B

■ BA96C1

■ 2F961C

■ C796D0

■ 22960D

■ D496DF

■ 179600

■ E096EE

■ ED96FD

Harmonies

Analogous

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



90916C



7B9676



679987

Triad

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



7B9676



6F92B3



B58283

Complementary

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



7B9676



917696

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.



AF8296



7B9676



898CB1

Square

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



7B9676



5D97AA



A086A7



B08574

Rectangle

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



7B9676



5D9994



A086A7



B4818A

Sweetspot

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



7B9676



B8C2B6



969176



5B615A



E0E0E0



616161

Same Dimension

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



7B9676



97C28F



769681



444A43



168A00



020A00

Inverse Universe

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



917696



BA8FC2



96768B



49434A



74008A



09000A

Previews

White Background



This preview shows how the Hex color 7B9676 looks on a white background.

Color Contrast Check

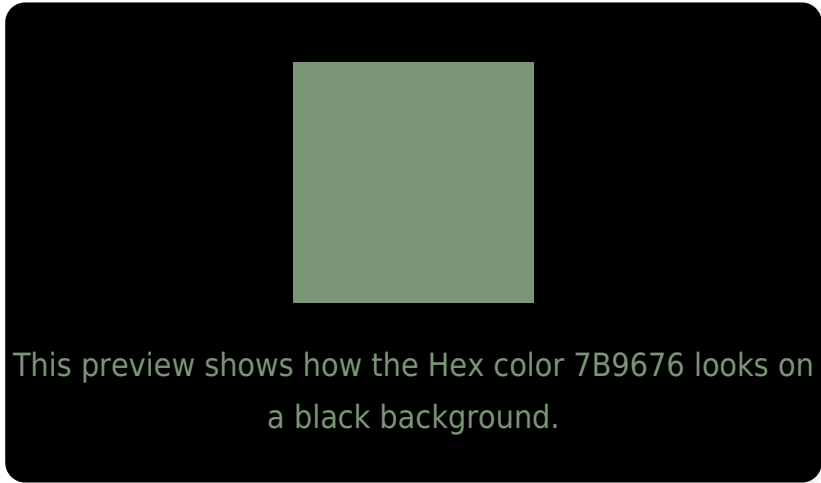
Large Text (above 18pt) WCAG AA ✓ Pass

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

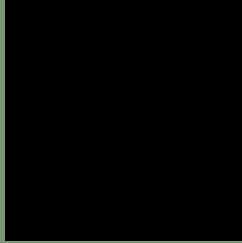
Any Text WCAG AA ✓ Pass

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 7B9676 Background



This preview shows how black text looks on a background with the Hex color 7B9676.

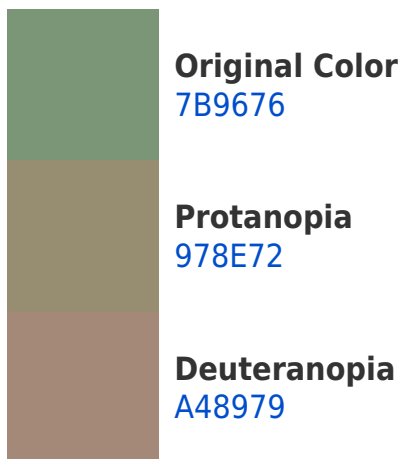


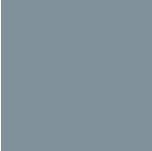
This preview shows how white text looks on a background with the Hex color 7B9676.

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
81919C

Trichromacy



Original Color
7B9676

Protanomaly
8D9173

Deuteranomaly
958E78

Tritanomaly
7F938E

Monochromacy



Original Color
7B9676

Achromatopsia
8A8A8A

Achromatomaly
858E83

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9676 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 #7B9676 looks like.

```
.text, #text, p{  
    color:#7B9676  
}
```

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 #7B9676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9676
}
```

Border

The CSS property to change the border of an element to Hex 7B9676 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
#7B9676 }
```

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

```
.border{ border-color:#7B9676 }
```

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

Here you see how a box with a 4 pixel #7B9676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9676; -webkit-box-shadow:4px 4px  
4px 4px #7B9676; box-shadow:4px 4px 4px  
4px #7B9676 }
```

Background

The CSS property to change the background color of an element to Hex 7B9676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9676 }
```

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

```
.background{ background-color:#7B9676 }
```

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](#).

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