

Converting Colors

Hex(7B9962)

Have a look what the booklet for
Hex(7B9962) contains.

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Color

Hex(7B9962)

Conversions

Conversions Part 1

Format	Color
Hex	7B9962
RGB	123, 153, 98
RGB Percent	48%, 60%, 38%
CMY	0.5176, 0.4000, 0.6157
CMYK	0.20, 0.00, 0.36, 0.40
HSL	93°, 22%, 49%
HSV	93°, 36%, 60%
XYZ	21.7642, 27.8753, 15.7886
YIQ	137.7600, -0.2250, -23.4650

Conversions

Conversions Part 2

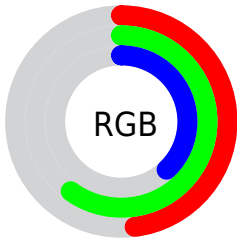
Format	Color
R_{YB}	98, 153, 128
Decimal	8100194
CIE _{Lab}	59.78, -20.73, 25.57
CIE _{LCh}	60, 32.919, 129.021
Yxy	27.8753, 0.3326, 0.4260
Android (android.graphics.Color)	4286290274 (0xFF7B9962)
YUV	137.7600, -19.6017, -12.9445
Hunter-Lab	52.7970, -18.8128, 19.2276

Details

The Hex color **7B9962** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **806299**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B0CF95**, and **496632** is the 20% darker color. If you saturate the color by 10%, you get **739953**, and if you desaturate by 10%, it is **839971**.

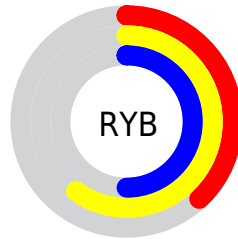
Distribution



Red (48%)

Green (60%)

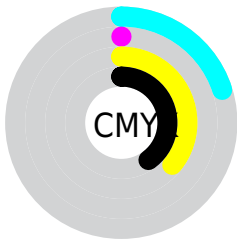
Blue (38%)



Red (38%)

Yellow (60%)

Blue (50%)

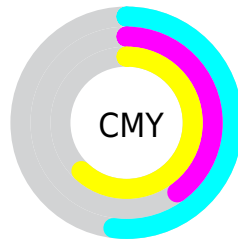


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (40%)



Cyan (52%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9962 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 7B9962 by changing the saturation by 10% instead.



7B9962



7B9962

FFFFFF



627F4A



B0CF95



496632



CCECB0



314E1C



E8FFCC



1A3704



FFFFE8



002100



000000



7B9962



7B9962



739953



839971



6A9943




8C9981

 629934

 949990

 5A9925

 9C999F

 519915

 A599AE

 499906

 AD99BE

 469900

 B599CD

 BE99DC

 C699EC

Harmonies

Analogous

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



9B9156



7B9962



579E7A

Triad

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



7B9962



4299C5



C87988

Complementary

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



7B9962



806299

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.



BC7CA5



7B9962



7590C9

Square

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



7B9962



179EB4



9F85BD



C57E6D

Rectangle

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



7B9962



3D9F8E



9F85BD



C67A92

Sweetspot

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



7B9962



BBC7B1



997F62



5C6357



E3E3E3



636363

Same Dimension

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



7B9962



98C771



629964



484D45



408C00



060D00

Inverse Universe

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



806299



A071C7



996297



49454D



4D008C



07000D

Previews

White Background



This preview shows how the Hex color 7B9962 looks on a white background.

Color Contrast Check

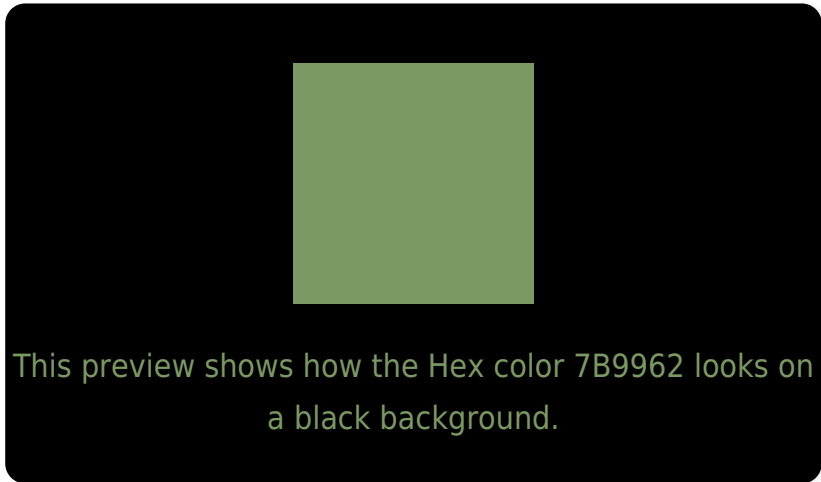
Large Text (above 18pt) WCAG AA ✓ Pass

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

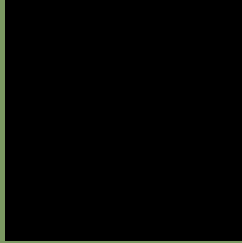
Any Text WCAG AA ✓ Pass

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 7B9962 Background



This preview shows how black text looks on a background with the Hex color 7B9962.



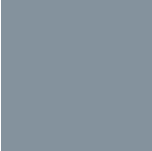
This preview shows how white text looks on a background with the Hex color 7B9962.

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
84929D

Trichromacy



Original Color
7B9962

Protanomaly
90935F

Deuteranomaly
9A8F64

Tritanomaly
819588

Monochromacy



Original Color
7B9962

Achromatopsia
8A8A8A

Achromatomaly
858F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9962 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 #7B9962 looks like.

```
.text, #text, p{  
    color:#7B9962  
}
```

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 #7B9962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9962
}
```

Border

The CSS property to change the border of an element to Hex 7B9962 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
#7B9962 }
```

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

```
.border{ border-color:#7B9962 }
```

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

Here you see how a box with a 4 pixel #7B9962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9962; -webkit-box-shadow:4px 4px  
4px 4px #7B9962; box-shadow:4px 4px 4px  
4px #7B9962 }
```

Background

The CSS property to change the background color of an element to Hex 7B9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9962 }
```

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

```
.background{ background-color:#7B9962 }
```

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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