

Converting Colors

Hex(7B9361)

Have a look what the booklet for
Hex(7B9361) contains.

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Color

Hex(7B9361)

Conversions

Conversions Part 1

Format	Color
Hex	7B9361
RGB	123, 147, 97
RGB Percent	48%, 58%, 38%
CMY	0.5176, 0.4235, 0.6196
CMYK	0.16, 0.00, 0.34, 0.42
HSL	89°, 20%, 48%
HSV	89°, 34%, 58%
XYZ	20.7598, 25.9415, 15.2223
YIQ	134.1240, 1.7460, -20.6380

Conversions

Conversions Part 2

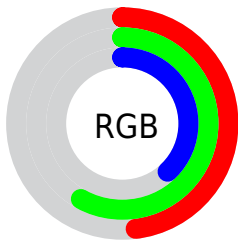
Format	Color
R_{YB}	97, 147, 121
Decimal	8098657
CIE _{Lab}	57.98, -17.77, 23.75
CIE _{LCh}	58, 29.665, 126.803
Yxy	25.9415, 0.3352, 0.4189
Android (android.graphics.Color)	4286288737 (0xFF7B9361)
YUV	134.1240, -18.3021, -9.7557
Hunter-Lab	50.9328, -16.3772, 17.9329

Details

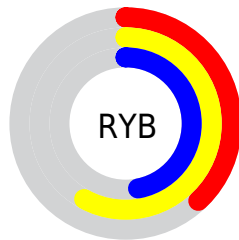
The Hex color **7B9361** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **796193**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B0C994**, and **496032** is the 20% darker color. If you saturate the color by 10%, you get **749352**, and if you desaturate by 10%, it is **829370**.

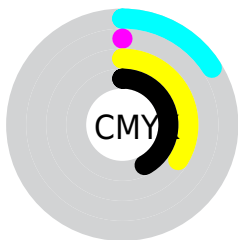
Distribution



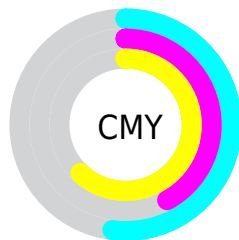
- Red (48%)
- Green (58%)
- Blue (38%)



- Red (38%)
- Yellow (58%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (34%)
- Black (42%)



- Cyan (52%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9361 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 7B9361 by changing the saturation by 10% instead.

 7B9361

 7B9361

FFFFFF

 627949

 B0C994

 496032

 CCE5AF

 32481C

 E8FFCA

 1C3204

 FFFFE7

 001E00

 000000

 7B9361

 7B9361

 749352

 829370

 6D9344

 89937E

■ 669335

■ 90938D

■ 5F9326

■ 97939C

■ 589318

■ 9E93AB

■ 519309

■ A593B9

■ 4C9300

■ AC93C8

■ B393D7

■ BB93E5

Harmonies

Analogous

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



978C57



7B9361



5C9876

Triad

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



7B9361



4794BA



BE7786

Complementary

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



7B9361



796193

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.



B17AA0



7B9361



718CBF

Square

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



7B9361



2D98AA



9682B5



BC7B6E

Rectangle

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



7B9361



479988



9682B5



BB788F

Sweetspot

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



7B9361



B6BFAC



937861



5B6155



E0E0E0



616161

Same Dimension

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



7B9361



9ABF71



639361



464A43



488A00



050A00

Inverse Universe

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



796193



9671BF



916193



46434A



42008A



05000A

Previews

White Background



This preview shows how the Hex color 7B9361 looks on a white background.

Color Contrast Check

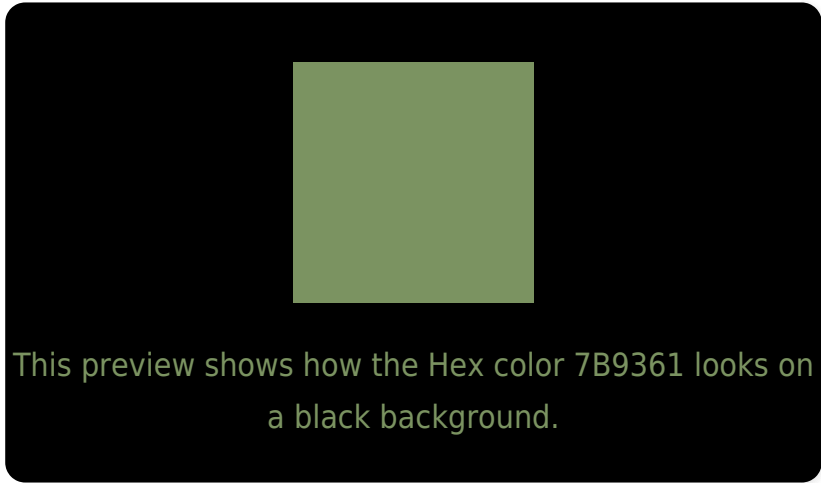
Large Text (above 18pt) WCAG AA ✓ Pass

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

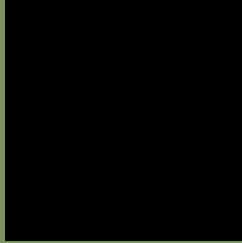
Any Text WCAG AA ✓ Pass

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 7B9361 Background



This preview shows how black text looks on a background with the Hex color 7B9361.



This preview shows how white text looks on a background with the Hex color 7B9361.

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
7B9361

Protanopia
978B5E

Deuteranopia
A58564



Tritanopia
838C97

Trichromacy



Original Color
7B9361

Protanomaly
8D8E5F

Deuteranomaly
968A63

Tritanomaly
808F83

Monochromacy



Original Color
7B9361

Achromatopsia
868686

Achromatomaly
828B79

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9361 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 #7B9361 looks like.

```
.text, #text, p{  
    color:#7B9361  
}
```

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 #7B9361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9361
}
```

Border

The CSS property to change the border of an element to Hex 7B9361 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
#7B9361 }
```

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

```
.border{ border-color:#7B9361 }
```

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

Here you see how a box with a 4 pixel #7B9361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9361; -webkit-box-shadow:4px 4px  
4px 4px #7B9361; box-shadow:4px 4px 4px  
4px #7B9361 }
```

Background

The CSS property to change the background color of an element to Hex 7B9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9361 }
```

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

```
.background{ background-color:#7B9361 }
```

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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