

# Converting Colors

Hex(7B9150)

Have a look what the booklet for  
Hex(7B9150) contains.

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**Color**

**Hex(7B9150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B9150
RGB	123, 145, 80
RGB Percent	48%, 57%, 31%
CMY	0.5176, 0.4314, 0.6863
CMYK	0.15, 0.00, 0.45, 0.43
HSL	80°, 29%, 44%
HSV	80°, 45%, 57%
XYZ	19.7417, 25.0409, 11.3823
YIQ	131.0120, 7.7530, -24.8790

# Conversions

## Conversions Part 2

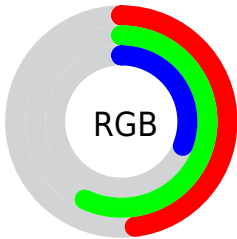
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 145, 102
Decimal	8098128
CIELab	57.12, -19.04, 31.85
CIElCh	57, 37.105, 120.878
Yxy	25.0409, 0.3515, 0.4458
Android (android.graphics.Color)	4286288208 (0xFF7B9150)
YUV	131.0120, -25.1489, -7.0265
Hunter-Lab	50.0409, -17.1512, 21.5426

# Details

The Hex color **7B9150** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **665091**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B1C782**, and **495E21** is the 20% darker color. If you saturate the color by 10%, you get **769142**, and if you desaturate by 10%, it is **80915E**.

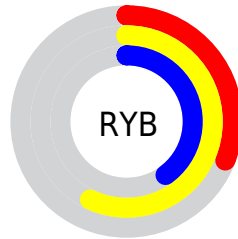
# Distribution



Red (48%)

Green (57%)

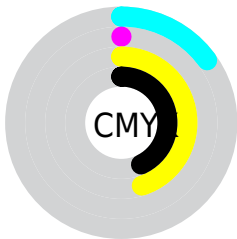
Blue (31%)



Red (31%)

Yellow (57%)

Blue (40%)

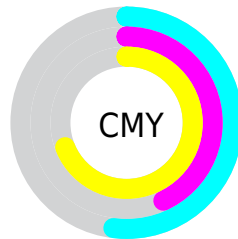


Cyan (15%)

Magenta (0%)

Yellow (45%)

Black (43%)



Cyan (52%)

Magenta (43%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9150 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 7B9150 by changing the saturation by 10% instead.



 7B9150

 7B9150

FFFFFF

 617738

 B1C782

 495E21

 CCE39D

 314708

 E9FFB8

 1B3000

 FFFFD4

 001D00

 FFFFF0


 000000

 7B9150

 7B9150

 769142

 80915E

 719133

 85916D

■ 6C9124

■ 8A917B

■ 679116

■ 8F918A

■ 629107

■ 949199

■ 609100

■ 9891A7

■ 9D91B5

■ A291C4

■ A791D3

# Harmonies

## Analogous

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



9C8847



7B9150



539768

# Triad

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



7B9150



0095C1



C56F89

# Complementary

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



7B9150



665091

# 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.



B275A9



7B9150



578CC9

# Square

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



7B9150



0099A9



8D80C1



C5726A

# Rectangle

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



7B9150



30997E



8D80C1



C17094



# Sweetspot

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



7B9150



B4BDA4



916650



595E4F



DEDEDE



5E5E5E



# Same Dimension

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



7B9150



9ABD57



5B9150



454740



598700



050800



# Inverse Universe

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



665091



7957BD



865091



434047



2E0087



030008



# Previews

## White Background



This preview shows how the Hex color 7B9150 looks on a white background.

## Color Contrast Check

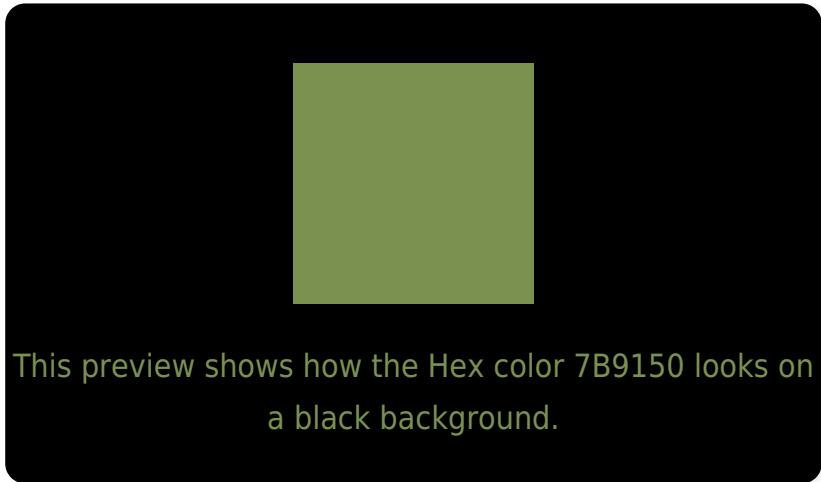
Large Text (above 18pt) WCAG AA ✓ Pass

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

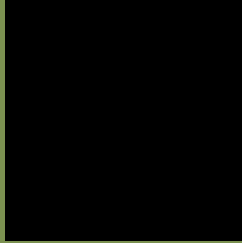
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B9150 Background



This preview shows how black text looks on a background with the Hex color 7B9150.



This preview shows how white text looks on a background with the Hex color 7B9150.

# 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**  
848994

# Trichromacy



**Original Color**  
7B9150

**Protanomaly**  
8C8C4E

**Deuteranomaly**  
968852

**Tritanomaly**  
818C7B

# Monochromacy



**Original Color**  
7B9150

**Achromatopsia**  
838383

**Achromatomaly**  
808870

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9150 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 #7B9150 looks like.

```
.text, #text, p{  
    color:#7B9150  
}
```

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 #7B9150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9150
}
```

## Border

The CSS property to change the border of an element to Hex 7B9150 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
#7B9150 }
```

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

```
.border{ border-color:#7B9150 }
```

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

Here you see how a box with a 4 pixel #7B9150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9150; -webkit-box-shadow:4px 4px  
4px 4px #7B9150; box-shadow:4px 4px 4px  
4px #7B9150 }
```

# Background

The CSS property to change the background color of an element to Hex 7B9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9150 }
```

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

```
.background{ background-color:#7B9150 }
```

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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