

Converting Colors

Hex(7B9E38)

Have a look what the booklet for
Hex(7B9E38) contains.

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Color

Hex(7B9E38)

Conversions

Conversions Part 1

Format	Color
Hex	7B9E38
RGB	123, 158, 56
RGB Percent	48%, 62%, 22%
CMY	0.5176, 0.3804, 0.7804
CMYK	0.22, 0.00, 0.65, 0.38
HSL	81°, 48%, 42%
HSV	81°, 65%, 62%
XYZ	21.1090, 28.9502, 8.2168
YIQ	135.9070, 11.8820, -39.1420

Conversions

Conversions Part 2

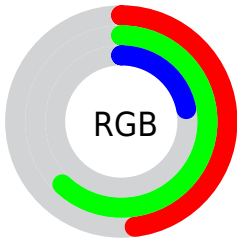
Format	Color
RYB	56, 158, 91
Decimal	8101432
CIELab	60.74, -27.97, 47.79
CIElCh	61, 55.374, 120.341
Yxy	28.9502, 0.3622, 0.4968
Android (android.graphics.Color)	4286291512 (0xFF7B9E38)
YUV	135.9070, -39.3942, -11.3194
Hunter-Lab	53.8054, -24.1299, 28.6094

Details

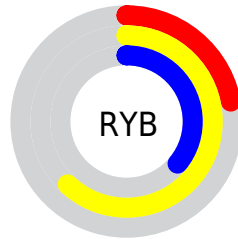
The Hex color **7B9E38** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B389E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B2D56C**, and **466A00** is the 20% darker color. If you saturate the color by 10%, you get **769E28**, and if you desaturate by 10%, it is **809E48**.

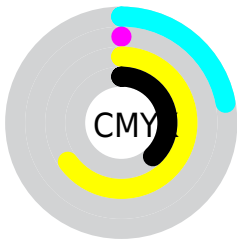
Distribution



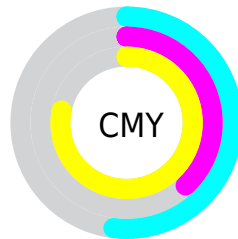
- Red (48%)
- Green (62%)
- Blue (22%)



- Red (22%)
- Yellow (62%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (65%)
- Black (38%)



- Cyan (52%)
- Magenta (38%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9E38 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 7B9E38 by changing the saturation by 10% instead.

 7B9E38

 7B9E38

FFFFFF

 60841D


 B2D56C

 466A00

 CEF186

 2D5200

 EBFFA1

 113B00

 FFFFBD

 002500

 FFFF99

 000500

 FFFF66

 000000

 7B9E38

 7B9E38

 769E28

 809E48

■ 709E18

■ 869E58

■ 6B9E09

■ 8B9E67

■ 689E00

■ 919E77

■ 969E87

■ 9C9E97

■ A19EA7

■ A69EB6

■ AC9EC6

Harmonies

Analogous

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



AC9029



7B9E38



33A660

Triad

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



7B9E38



00A4E7



E96694

Complementary

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



7B9E38



5B389E

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.



CE71C4



7B9E38



0298F4

Square

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



7B9E38



00AAC3



9485E7



E96C64

Rectangle

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



7B9E38



00A980



9485E7



E468A4

Sweetspot

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



7B9E38



C1CFA7



9E5A38



606951



E8E8E8



696969

Same Dimension

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



7B9E38



98CF30



499E38



4C4F47



5E8F00



0A0F00

Inverse Universe

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



5B389E



6630CF



8D389E



4A474F



31008F



05000F

Previews

White Background



This preview shows how the Hex color 7B9E38 looks on a white background.

Color Contrast Check

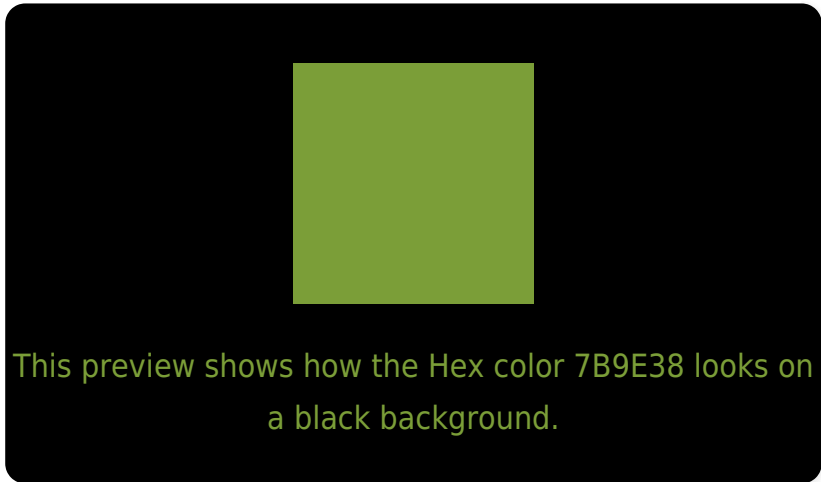
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B9E38 Background



This preview shows how black text looks on a background with the Hex color 7B9E38.



This preview shows how white text looks on a background with the Hex color 7B9E38.

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](#).

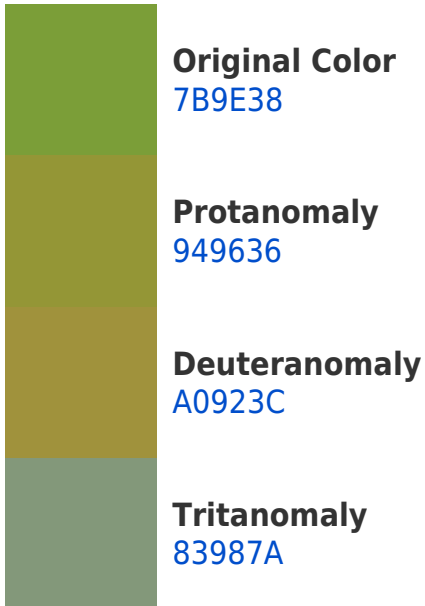
Dichromacy



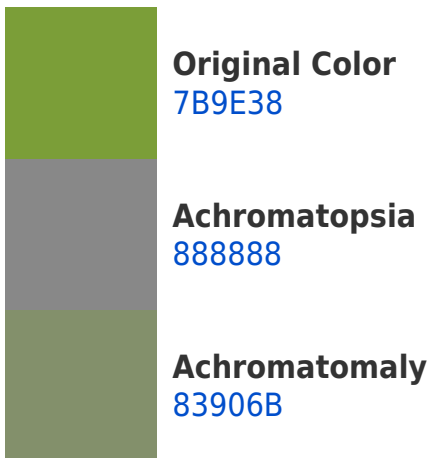


Tritanopia
8894A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9E38 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 #7B9E38 looks like.

```
.text, #text, p{  
    color:#7B9E38  
}
```

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 #7B9E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9E38
}
```

Border

The CSS property to change the border of an element to Hex 7B9E38 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
#7B9E38 }
```

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

```
.border{ border-color:#7B9E38 }
```

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

Here you see how a box with a 4 pixel #7B9E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9E38; -webkit-box-shadow:4px 4px  
4px 4px #7B9E38; box-shadow:4px 4px 4px  
4px #7B9E38 }
```

Background

The CSS property to change the background color of an element to Hex 7B9E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9E38 }
```

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

```
.background{ background-color:#7B9E38 }
```

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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