

Converting Colors

Hex(78862B)

Have a look what the booklet for
Hex(78862B) contains.

Hex(78862B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78862B)

Conversions

Conversions Part 1

Format	Color
Hex	78862B
RGB	120, 134, 43
RGB Percent	47%, 53%, 17%
CMY	0.5294, 0.4745, 0.8314
CMYK	0.10, 0.00, 0.68, 0.47
HSL	69°, 51%, 35%
HSV	69°, 68%, 53%
XYZ	16.7069, 21.2177, 5.5004
YIQ	119.4400, 20.8670, -31.2690

Conversions

Conversions Part 2

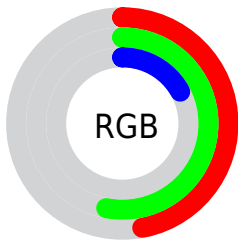
Format	Color
RYB	43, 134, 57
Decimal	7898667
CIELab	53.19, -18.14, 45.35
CIELCh	53, 48.846, 111.794
Yxy	21.2177, 0.3847, 0.4886
Android (android.graphics.Color)	4286088747 (0xFF78862B)
YUV	119.4400, -37.6849, 0.4911
Hunter-Lab	46.0627, -15.8679, 25.1640

Details

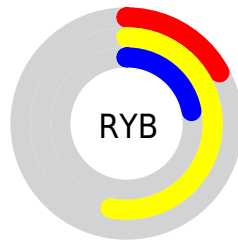
The Hex color **78862B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **392B86**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AEBB5E**, and **445400** is the 20% darker color. If you saturate the color by 10%, you get **76861E**, and if you desaturate by 10%, it is **7A8638**.

Distribution



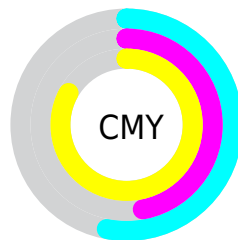
- Red (47%)
- Green (53%)
- Blue (17%)



- Red (17%)
- Yellow (53%)
- Blue (22%)



- Cyan (10%)
- Magenta (0%)
- Yellow (68%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78862B 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 78862B by changing the saturation by 10% instead.

 78862B

 78862B

FFFFFF

 5E6D0F

 AE8B5E

 445400

 CBD778

 2C3D00

 E8F392

 122700

 FFFFAE

 001300

 FFFFC A

 000000

 FFFFE6

 78862B

 78862B

 76861E

 7A8638

■ 748610

■ 7C8646

■ 728603

■ 7E8653

■ 718600

■ 808661

■ 82866E

■ 84867B

■ 868689

■ 888696

■ 8B86A4

Harmonies

Analogous

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



A07927



78862B



448F49

Triad

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



78862B



0090C0



C65A8C

Complementary

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



78862B



392B86

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.



A767B3



78862B



0087D2

Square

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



78862B



00939D



6C79CD



CC5B62

Rectangle

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



78862B



009263



6C79CD



BE5D9A

Sweetspot

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



78862B



A8AD8B



86392B



535742



D6D6D6



575757

Same Dimension

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



78862B



98AD21



4B862B



41423C



6E8200



020300

Inverse Universe

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



392B86



3721AD



662B86



3D3C42



140082



000003

Previews

White Background



This preview shows how the Hex color 78862B looks on a white background.

Color Contrast Check

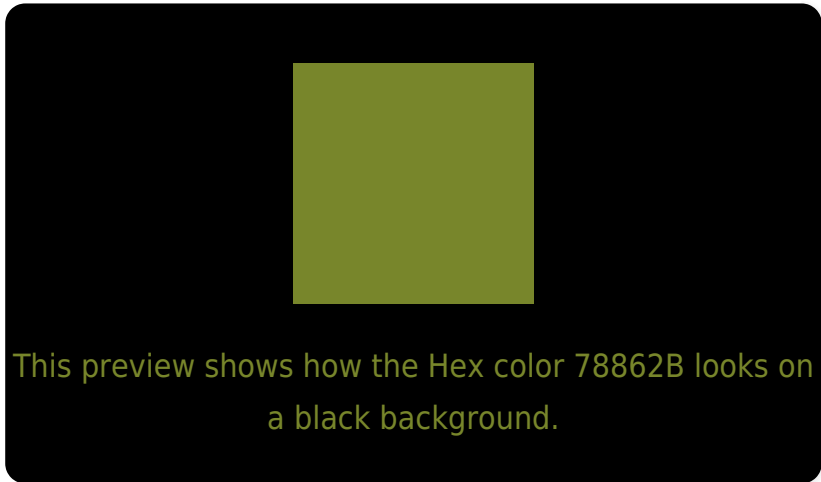
Large Text (above 18pt) WCAG AA ✓ Pass

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

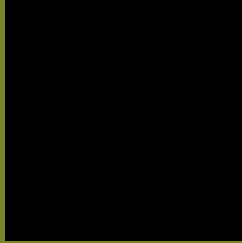
Any Text WCAG AA ✓ Pass

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 78862B Background



This preview shows how black text looks on a background with the Hex color 78862B.



This preview shows how white text looks on a background with the Hex color 78862B.

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
78862B

Protanopia
8E7F29

Deuteranopia
9E7930



Tritanopia
817D87

Trichromacy



Original Color
78862B

Protanomaly
86822A

Deuteranomaly
907E2E

Tritanomaly
7E8066

Monochromacy



Original Color
78862B

Achromatopsia
777777

Achromatomaly
777C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 78862B 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 #78862B looks like.

```
.text, #text, p{  
    color:#78862B  
}
```

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 #78862B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78862B
}
```

Border

The CSS property to change the border of an element to Hex 78862B 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
#78862B }
```

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

```
.border{ border-color:#78862B }
```

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

Here you see how a box with a 4 pixel #78862B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78862B; -webkit-box-shadow:4px 4px  
4px 4px #78862B; box-shadow:4px 4px 4px  
4px #78862B }
```

Background

The CSS property to change the background color of an element to Hex 78862B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78862B }
```

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

```
.background{ background-color:#78862B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor