

Converting Colors

Hex(778B3B)

Have a look what the booklet for
Hex(778B3B) contains.

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Color

Hex(778B3B)

Conversions

Conversions Part 1

Format	Color
Hex	778B3B
RGB	119, 139, 59
RGB Percent	47%, 55%, 23%
CMY	0.5333, 0.4549, 0.7686
CMYK	0.14, 0.00, 0.58, 0.45
HSL	75°, 40%, 39%
HSV	75°, 58%, 55%
XYZ	17.6298, 22.7029, 7.5906
YIQ	123.9000, 13.7600, -29.1200

Conversions

Conversions Part 2

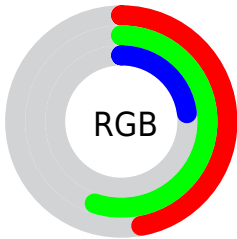
Format	Color
RYB	59, 139, 79
Decimal	7834427
CIELab	54.77, -19.87, 39.70
CIELCh	55, 44.392, 116.593
Yxy	22.7029, 0.3679, 0.4737
Android (android.graphics.Color)	4286024507 (0xFF778B3B)
YUV	123.9000, -31.9957, -4.2973
Hunter-Lab	47.6476, -17.3377, 23.9080

Details

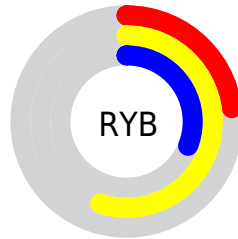
The Hex color **778B3B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4F3B8B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ADC16D**, and **445907** is the 20% darker color. If you saturate the color by 10%, you get **748B2D**, and if you desaturate by 10%, it is **7A8B49**.

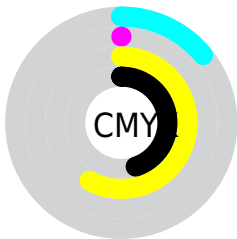
Distribution



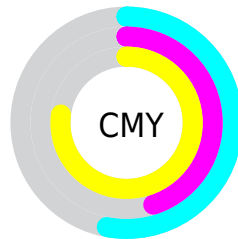
- Red (47%)
- Green (55%)
- Blue (23%)



- Red (23%)
- Yellow (55%)
- Blue (31%)



- Cyan (14%)
- Magenta (0%)
- Yellow (58%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 778B3B 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 778B3B by changing the saturation by 10% instead.



778B3B



778B3B

FFFFFF



5D7222



ADC16D



445907



C9DC87



2C4100



E5F9A2



132B00



FFFFBD



001900



FFFFDA



000000



FFFFF6



778B3B



778B3B



748B2D



7A8B49

 708B1F

 7E8B57

 6D8B11

 818B65

 698B03

 858B73

 688B00

 888B81

 8C8B8E

 8F8B9C

 938BAA

 968BB8

Harmonies

Analogous

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



9D7F33



778B3B



469257

Triad

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



778B3B



0092C2



C76289

Complementary

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



778B3B



4F3B8B

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.



AE6CAE



778B3B



2788CF

Square

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



778B3B



0096A4



7E7BC8



CA6563

Rectangle

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



778B3B



009570



7E7BC8



C16496

Sweetspot

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



778B3B



ADB596



8B4F3B



575C49



DBDBDB



5C5C5C

Same Dimension

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



778B3B



96B538



4F8B3B



43453E



638500



040500

Inverse Universe

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



4F3B8B



5738B5



773B8B



403E45



210085



010005

Previews

White Background



This preview shows how the Hex color 778B3B looks on a white background.

Color Contrast Check

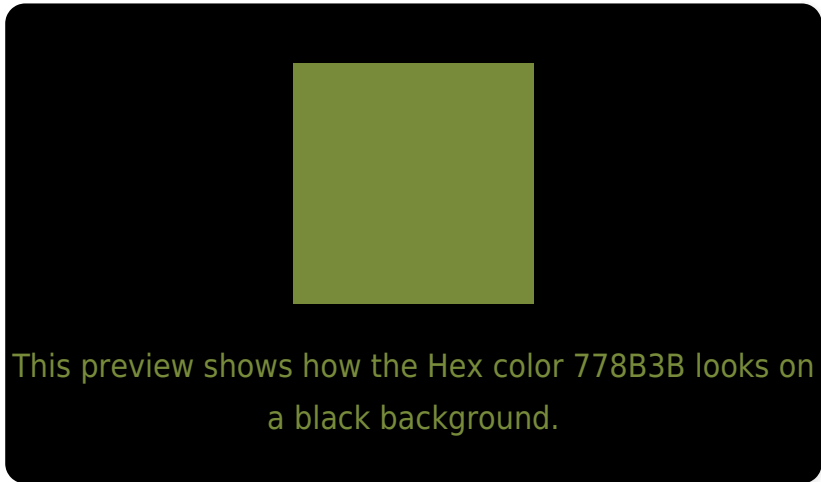
Large Text (above 18pt) WCAG AA ✓ Pass

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 778B3B Background



This preview shows how black text looks on a background with the Hex color 778B3B.



This preview shows how white text looks on a background with the Hex color 778B3B.

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
778B3B

Protanopia
918339

Deuteranopia
A17D3F



Tritanopia
81828D

Trichromacy



Original Color
778B3B

Protanomaly
88863A

Deuteranomaly
92823E

Tritanomaly
7D856F

Monochromacy



Original Color
778B3B

Achromatopsia
7C7C7C

Achromatomaly
7A8164

CSS Examples

Text

The CSS property to change the color of the text to Hex 778B3B 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 #778B3B looks like.

```
.text, #text, p{  
    color:#778B3B  
}
```

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 #778B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778B3B
}
```

Border

The CSS property to change the border of an element to Hex 778B3B 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
#778B3B }
```

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

```
.border{ border-color:#778B3B }
```

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

Here you see how a box with a 4 pixel #778B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778B3B; -webkit-box-shadow:4px 4px  
4px 4px #778B3B; box-shadow:4px 4px 4px  
4px #778B3B }
```

Background

The CSS property to change the background color of an element to Hex 778B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778B3B }
```

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

```
.background{ background-color:#778B3B }
```

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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