

Converting Colors

Hex(7B8127)

Have a look what the booklet for
Hex(7B8127) contains.

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Color

Hex(7B8127)

Conversions

Conversions Part 1

Format	Color
Hex	7B8127
RGB	123, 129, 39
RGB Percent	48%, 51%, 15%
CMY	0.5176, 0.4941, 0.8471
CMYK	0.05, 0.00, 0.70, 0.49
HSL	64°, 54%, 33%
HSV	64°, 70%, 51%
XYZ	16.3848, 20.0580, 4.9275
YIQ	116.9460, 25.3140, -29.2620

Conversions

Conversions Part 2

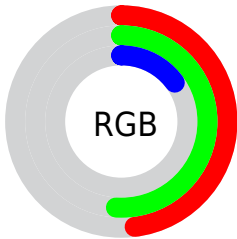
Format	Color
RYB	39, 129, 45
Decimal	8093991
CIELab	51.90, -14.41, 45.80
CIElCh	52, 48.015, 107.465
Yxy	20.0580, 0.3961, 0.4848
Android (android.graphics.Color)	4286284071 (0xFF7B8127)
YUV	116.9460, -38.4274, 5.3094
Hunter-Lab	44.7861, -13.0721, 24.8271

Details

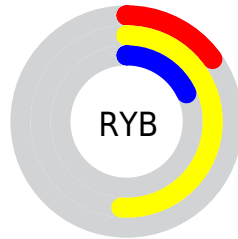
The Hex color **7B8127** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2D2781**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **B2B65A**, and **475000** is the 20% darker color. If you saturate the color by 10%, you get **7A811A**, and if you desaturate by 10%, it is **7C8134**.

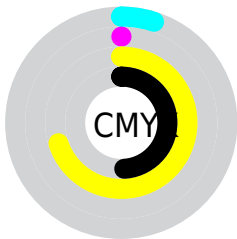
Distribution



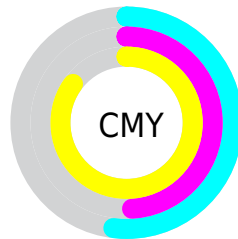
- Red (48%)
- Green (51%)
- Blue (15%)



- Red (15%)
- Yellow (51%)
- Blue (18%)



- Cyan (5%)
- Magenta (0%)
- Yellow (70%)
- Black (49%)



- Cyan (52%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B8127 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 7B8127 by changing the saturation by 10% instead.



7B8127



7B8127

FFFFFF



616809



B2B65A



475000



CED174



2E3900



EBED8E



162400



FFFFA9



000D00



FFFFC5



000000



FFFFE2



7B8127



7B8127



7A811A



7C8134

■ 79810D

■ 7D8141

■ 788100

■ 7E814E

■ 7E815B

■ 7F8168

■ 808174

■ 818181

■ 82818E

■ 83819B

Harmonies

Analogous

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



A17427



7B8127



4B8A41

Triad

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



7B8127



008DB7



BE598F

Complementary

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



7B8127



2D2781

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.



9C67B4



7B8127



0085CC

Square

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



7B8127



009093



5E78CA



C75865

Rectangle

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



7B8127



0C8E5B



5E78CA



B65D9C

Sweetspot

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



7B8127



A6A885



812D27



53543F



D4D4D4



545454

Same Dimension

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



7B8127



9FA81B



4F8127



3F4039



778000



000000

Inverse Universe

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



2D2781



241BA8



5A2781



3A3940



080080



000000

Previews

White Background



This preview shows how the Hex color 7B8127 looks on a white background.

Color Contrast Check

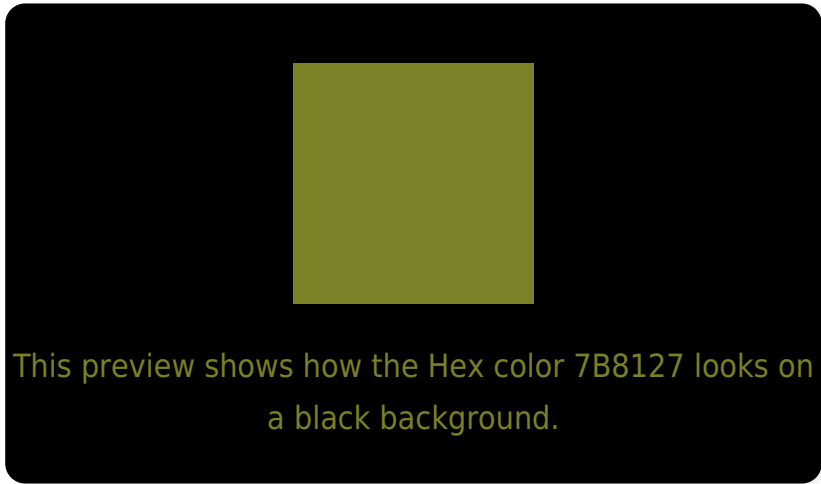
Large Text (above 18pt) WCAG AA ✓ Pass

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

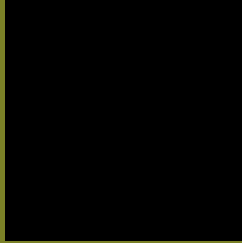
Any Text WCAG AA ✓ Pass

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 7B8127 Background



This preview shows how black text looks on a background with the Hex color 7B8127.



This preview shows how white text looks on a background with the Hex color 7B8127.

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
7B8127

Protanopia
8B7C26

Deuteranopia
9A752B



Tritanopia
837882

Trichromacy



Original Color
7B8127

Protanomaly
857E26

Deuteranomaly
8F792A

Tritanomaly
807B61

Monochromacy



Original Color
7B8127

Achromatopsia
757575

Achromatomaly
777959

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B8127 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 #7B8127 looks like.

```
.text, #text, p{  
    color:#7B8127  
}
```

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 #7B8127 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8127
}
```

Border

The CSS property to change the border of an element to Hex 7B8127 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
#7B8127 }
```

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

```
.border{ border-color:#7B8127 }
```

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

Here you see how a box with a 4 pixel #7B8127 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8127; -webkit-box-shadow:4px 4px  
4px 4px #7B8127; box-shadow:4px 4px 4px  
4px #7B8127 }
```

Background

The CSS property to change the background color of an element to Hex 7B8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8127 }
```

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

```
.background{ background-color:#7B8127 }
```

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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