

Converting Colors

Hex(8B7951)

Have a look what the booklet for
Hex(8B7951) contains.

Hex(8B7951)	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(8B7951)

Conversions

Conversions Part 1

Format	Color
Hex	8B7951
RGB	139, 121, 81
RGB Percent	55%, 47%, 32%
CMY	0.4549, 0.5255, 0.6824
CMYK	0.00, 0.13, 0.42, 0.45
HSL	41°, 26%, 43%
HSV	41°, 42%, 55%
XYZ	18.9700, 19.7578, 10.5984
YIQ	121.8220, 23.5680, -8.6240

Conversions

Conversions Part 2

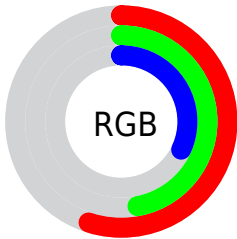
Format	Color
RYB	107, 139, 81
Decimal	9140561
CIELab	51.56, 0.98, 24.49
CIELCh	52, 24.506, 87.701
Yxy	19.7578, 0.3846, 0.4006
Android (android.graphics.Color)	4287330641 (0xFF8B7951)
YUV	121.8220, -20.1252, 15.0651
Hunter-Lab	44.4497, -1.6077, 16.9780

Details

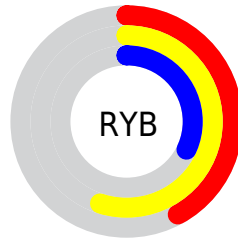
The Hex color **8B7951** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51638B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C2AD83**, and **584923** is the 20% darker color. If you saturate the color by 10%, you get **8B7543**, and if you desaturate by 10%, it is **8B7D5F**.

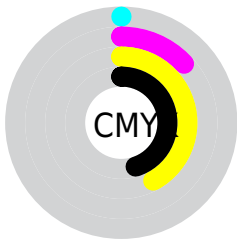
Distribution



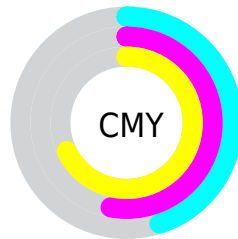
- Red (55%)
- Green (47%)
- Blue (32%)



- Red (42%)
- Yellow (55%)
- Blue (32%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B7951 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 8B7951 by changing the saturation by 10% instead.



8B7951



8B7951

FFFFFF



71603A



C2AD83



584923



DEC99D



3F320E



FBE5B8



291D00



FFFFD4



0B0500



FFFFFF0



000000



8B7951



8B7951



8B7543



8B7D5F



8B7035



8B826D

 8B6C27

 8B867B

 8B6819

 8B8A89

 8B630B

 8B8F96

 8B6000

 8B93A4

 8B97B2

 8B9CC0

 8BA0CE

Harmonies

Analogous

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



9C7258



8B7951



757F55

Triad

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



8B7951



36868E



946F92

Complementary

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



8B7951



51638B

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.



7C76A0



8B7951



40839E

Square

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



8B7951



458678



5D7DA4



A26B7D

Rectangle

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



8B7951



65835E



5D7DA4



8D7197

Sweetspot

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



8B7951



B5AE9E



8B5163



5C574D



DBDBDB



5C5C5C

Same Dimension

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



8B7951



B5995B



808B51



45433E



855B00



050400

Inverse Universe

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



51638B



5B77B5



5C518B



3E4045



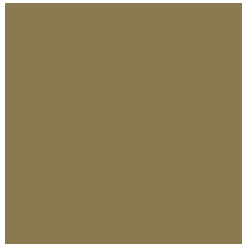
002985



000205

Previews

White Background



This preview shows how the Hex color 8B7951 looks on a white background.

Color Contrast Check

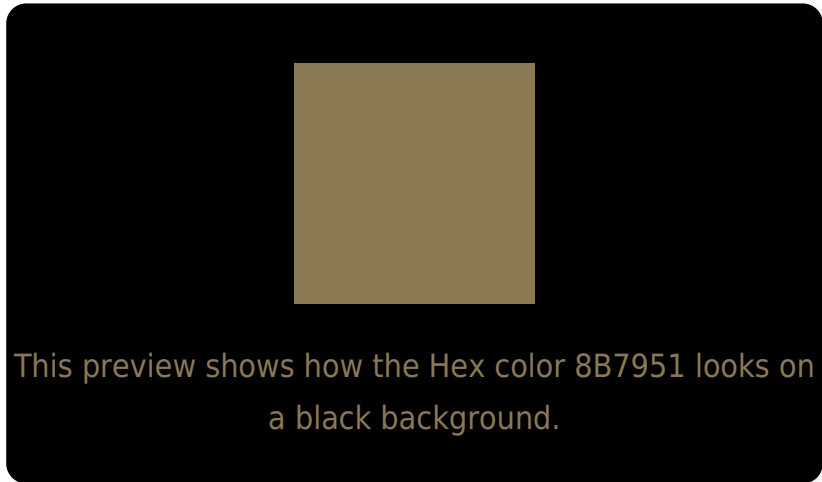
Large Text (above 18pt) WCAG AA ✓ Pass

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

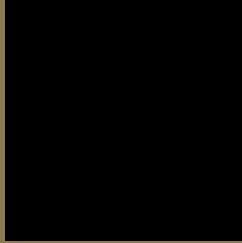
Any Text WCAG AA ✓ Pass

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 8B7951 Background



This preview shows how black text looks on a background with the Hex color 8B7951.



This preview shows how white text looks on a background with the Hex color 8B7951.

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
8B7951

Protanopia
857B52

Deuteranopia
947652



Tritanopia
8F747D

Trichromacy



Original Color
8B7951

Protanomaly
877A52

Deuteranomaly
917752

Tritanomaly
8E766D

Monochromacy



Original Color
8B7951

Achromatopsia
7A7A7A

Achromatomaly
807A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B7951 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 #8B7951 looks like.

```
.text, #text, p{  
    color:#8B7951  
}
```

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 #8B7951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7951
}
```

Border

The CSS property to change the border of an element to Hex 8B7951 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
#8B7951 }
```

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

```
.border{ border-color:#8B7951 }
```

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

Here you see how a box with a 4 pixel #8B7951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7951; -webkit-box-shadow:4px 4px  
4px 4px #8B7951; box-shadow:4px 4px 4px  
4px #8B7951 }
```

Background

The CSS property to change the background color of an element to Hex 8B7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7951 }
```

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

```
.background{ background-color:#8B7951 }
```

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