

Converting Colors

Hex(8B7331)

Have a look what the booklet for
Hex(8B7331) contains.

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Color

Hex(8B7331)

Conversions

Conversions Part 1

Format	Color
Hex	8B7331
RGB	139, 115, 49
RGB Percent	55%, 45%, 19%
CMY	0.4549, 0.5490, 0.8078
CMYK	0.00, 0.17, 0.65, 0.45
HSL	44°, 48%, 37%
HSV	44°, 65%, 55%
XYZ	17.3326, 17.9722, 5.4612
YIQ	114.6520, 35.4900, -15.4380

Conversions

Conversions Part 2

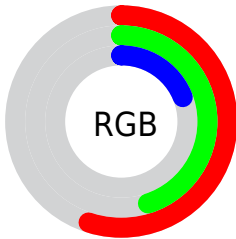
Format	Color
R_{YB}	82, 139, 49
Decimal	9138993
CIE Lab	49.46, 1.37, 39.11
CIE LCh	49, 39.133, 87.990
Yxy	17.9722, 0.4252, 0.4409
Android (android.graphics.Color)	4287329073 (0xFF8B7331)
YUV	114.6520, -32.3664, 21.3532
Hunter-Lab	42.3936, -1.2093, 22.0377

Details

The Hex color **8B7331** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **31498B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **C3A762**, and **564300** is the 20% darker color. If you saturate the color by 10%, you get **8B6F23**, and if you desaturate by 10%, it is **8B773F**.

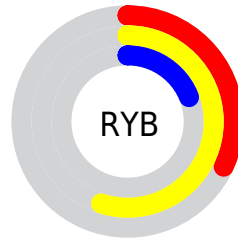
Distribution



Red (55%)

Green (45%)

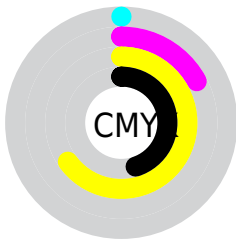
Blue (19%)



Red (32%)

Yellow (55%)

Blue (19%)

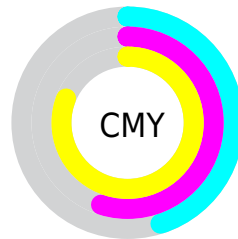


Cyan (0%)

Magenta (17%)

Yellow (65%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B7331 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 8B7331 by changing the saturation by 10% instead.

 8B7331

 8B7331

FFFFFF

 705B19

 C3A762

 564300

 E0C27C

 3D2D00

 FDDE96

 241900

 FFFAB1

 000000

 FFFFCD

 FFFF E9

 8B7331

 8B7331

 8B6F23

 8B773F

 8B6C15

 8B7A4D

 8B6807

 8B7E5B

 8B6600

 8B8269

 8B8676

 8B8984

 8B8D92

 8B91A0

 8B94AE

Harmonies

Analogous

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



A5673E



8B7331



6A7D38

Triad

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



8B7331



008694



9C6199

Complementary

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



8B7331



31498B

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.



746EB0



8B7331



0082AD

Square

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



8B7331



008672



317AB8



B15A79

Rectangle

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



8B7331



4F8147



317AB8



9165A2

Sweetspot

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



8B7331



B5AC93



8B3149



5C5647



DBDBDB



5C5C5C

Same Dimension

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



8B7331



B58F28



768B31



45433E



856100



050400

Inverse Universe

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



31498B



284DB5



46318B



3E4045



002385



000105

Previews

White Background



This preview shows how the Hex color 8B7331 looks on a white background.

Color Contrast Check

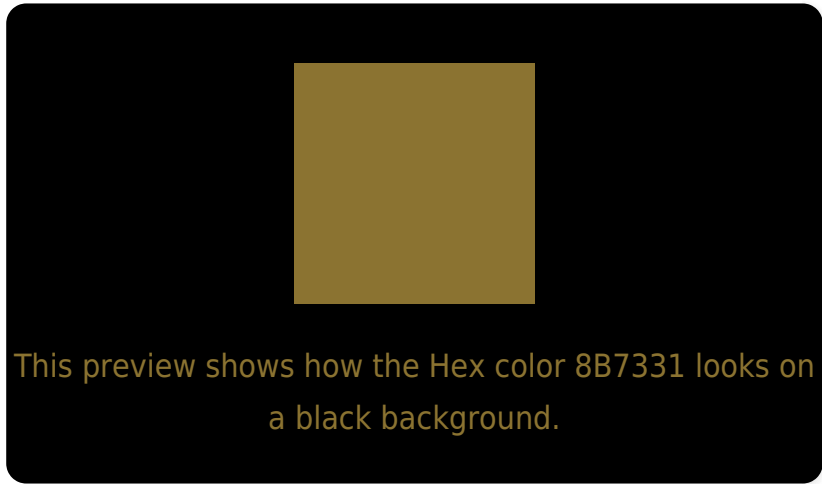
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

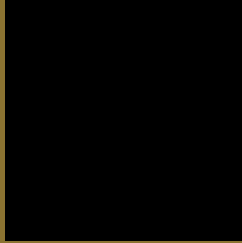
Any Text WCAG AA ✓ Pass

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 8B7331 Background



This preview shows how black text looks on a background with the Hex color 8B7331.



This preview shows how white text looks on a background with the Hex color 8B7331.

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
8B7331

Protanopia
837632

Deuteranopia
927032



Tritanopia
906C74

Trichromacy



Original Color
8B7331

Protanomaly
867532

Deuteranomaly
8F7132

Tritanomaly
8E6F5C

Monochromacy



Original Color
8B7331

Achromatopsia
737373

Achromatomaly
7C735B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B7331 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 #8B7331 looks like.

```
.text, #text, p{  
    color:#8B7331  
}
```

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 #8B7331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7331
}
```

Border

The CSS property to change the border of an element to Hex 8B7331 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
#8B7331 }
```

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

```
.border{ border-color:#8B7331 }
```

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

Here you see how a box with a 4 pixel #8B7331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7331; -webkit-box-shadow:4px 4px  
4px 4px #8B7331; box-shadow:4px 4px 4px  
4px #8B7331 }
```

Background

The CSS property to change the background color of an element to Hex 8B7331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7331 }
```

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

```
.background{ background-color:#8B7331 }
```

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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