

Converting Colors

Hex(8B7241)

Have a look what the booklet for
Hex(8B7241) contains.

Hex(8B7241)	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(8B7241)

Conversions

Conversions Part 1

Format	Color
Hex	8B7241
RGB	139, 114, 65
RGB Percent	55%, 45%, 25%
CMY	0.4549, 0.5529, 0.7451
CMYK	0.00, 0.18, 0.53, 0.45
HSL	40°, 36%, 40%
HSV	40°, 53%, 55%
XYZ	17.6189, 17.9052, 7.5285
YIQ	115.8890, 30.6290, -9.9390

Conversions

Conversions Part 2

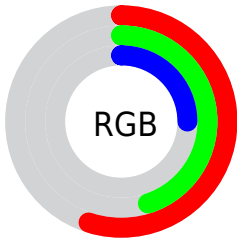
Format	Color
RYB	103, 139, 65
Decimal	9138753
CIELab	49.38, 3.28, 30.64
CIELCh	49, 30.813, 83.896
Yxy	17.9052, 0.4092, 0.4159
Android (android.graphics.Color)	4287328833 (0xFF8B7241)
YUV	115.8890, -25.0883, 20.2683
Hunter-Lab	42.3146, 0.2731, 19.0715

Details

The Hex color **8B7241** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **415A8B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C2A672**, and **574213** is the 20% darker color. If you saturate the color by 10%, you get **8B6D33**, and if you desaturate by 10%, it is **8B774F**.

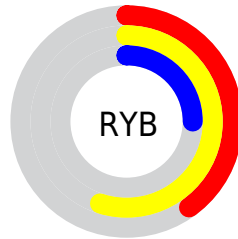
Distribution



Red (55%)

Green (45%)

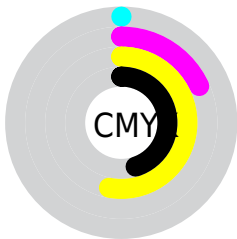
Blue (25%)



Red (40%)

Yellow (55%)

Blue (25%)

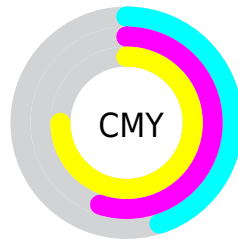


Cyan (0%)

Magenta (18%)

Yellow (53%)

Black (45%)



Cyan (45%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B7241 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 8B7241 by changing the saturation by 10% instead.

 8B7241

 8B7241

FFFFFF

 705A2A

 C2A672

 574213

 DFC18C

 3E2C00

 FCDDA6

 261800

 FFF9C2

 020000

 FFFFDE

 000000

 FFFFFB

 8B7241

 8B7241

 8B6D33

 8B774F

■ 8B6925

■ 8B7B5D

■ 8B6417

■ 8B806B

■ 8B5F09

■ 8B8579

■ 8B5C00

■ 8B8986

■ 8B8E94

■ 8B93A2

■ 8B98B0

■ 8B9CBE

Harmonies

Analogous

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



9E694C



8B7241



717A45

Triad

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



8B7241



00838A



916794

Complementary

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



8B7241



415A8B

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.



7071A5



8B7241



00809F

Square

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



8B7241



2D836F



447AA9



A4617C

Rectangle

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



8B7241



5D7E4F



447AA9



886A9B

Sweetspot

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



8B7241



B5AB98



8B415B



5C564A



DBDBDB



5C5C5C

Same Dimension

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



8B7241



B58E41



808B41



45433E



855800



050300

Inverse Universe

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



415A8B



4168B5



4C418B



3E4045



002D85



000205

Previews

White Background



This preview shows how the Hex color 8B7241 looks on a white background.

Color Contrast Check

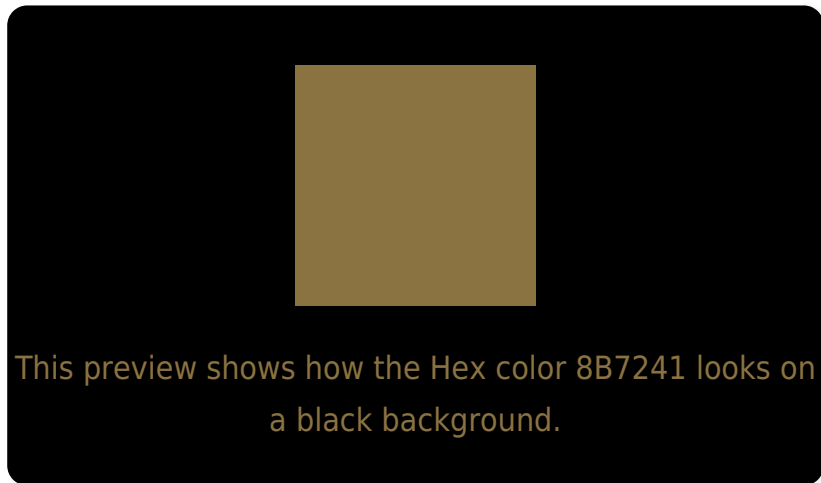
Large Text (above 18pt) WCAG AA ✓ Pass

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

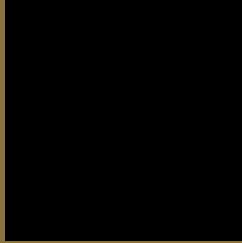
Any Text WCAG AA ✓ Pass

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 8B7241 Background



This preview shows how black text looks on a background with the Hex color 8B7241.



This preview shows how white text looks on a background with the Hex color 8B7241.

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
8B7241

Protanopia
817642

Deuteranopia
907041



Tritanopia
906C74

Trichromacy



Original Color
8B7241

Protanomaly
857542

Deuteranomaly
8E7141

Tritanomaly
8E6E61

Monochromacy



Original Color
8B7241

Achromatopsia
747474

Achromatomaly
7C7361

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B7241 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 #8B7241 looks like.

```
.text, #text, p{  
    color:#8B7241  
}
```

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 #8B7241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7241
}
```

Border

The CSS property to change the border of an element to Hex 8B7241 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
#8B7241 }
```

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

```
.border{ border-color:#8B7241 }
```

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

Here you see how a box with a 4 pixel #8B7241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7241; -webkit-box-shadow:4px 4px  
4px 4px #8B7241; box-shadow:4px 4px 4px  
4px #8B7241 }
```

Background

The CSS property to change the background color of an element to Hex 8B7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7241 }
```

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

```
.background{ background-color:#8B7241 }
```

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