

# Converting Colors

Hex(8B7753)

Have a look what the booklet for  
Hex(8B7753) contains.

<b>Hex(8B7753)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8B7753)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B7753
RGB	139, 119, 83
RGB Percent	55%, 47%, 33%
CMY	0.4549, 0.5333, 0.6745
CMYK	0.00, 0.14, 0.40, 0.45
HSL	39°, 25%, 44%
HSV	39°, 40%, 55%
XYZ	18.8056, 19.3072, 10.9191
YIQ	120.8760, 23.4760, -6.9560

# Conversions

## Conversions Part 2

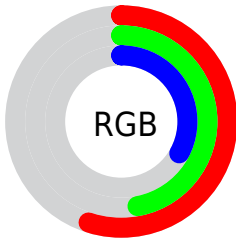
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 139, 83
Decimal	9140051
CIELab	51.04, 2.37, 22.67
CIELCh	51, 22.798, 84.039
Yxy	19.3072, 0.3835, 0.3938
Android (android.graphics.Color)	4287330131 (0xFF8B7753)
YUV	120.8760, -18.6729, 15.8947
Hunter-Lab	43.9399, -0.4995, 16.0243

# Details

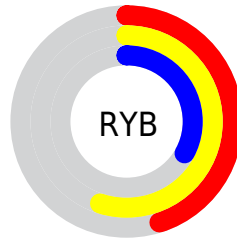
The Hex color **8B7753** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **53678B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C2AB85**, and **584725** is the 20% darker color. If you saturate the color by 10%, you get **8B7245**, and if you desaturate by 10%, it is **8B7C61**.

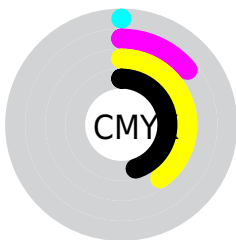
# Distribution



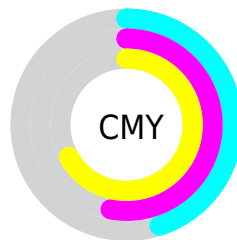
- Red (55%)
- Green (47%)
- Blue (33%)



- Red (45%)
- Yellow (55%)
- Blue (33%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B7753 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 8B7753 by changing the saturation by 10% instead.



 8B7753

 8B7753

FFFFFF

 715E3C

 C2AB85

 584725

 DEC69F

 3F3110

 FBE2BA

 291C00

 FFFFD6

 0C0200

 FFFFF2

 000000

 8B7753

 8B7753

 8B7245

 8B7C61

 8B6D37

 8B816F

 8B6829

 8B867D

 8B631B

 8B8B8B

 8B5E0E

 8B9099

 8B5900

 8B95A6

 8B9AB4

 8B9FC2

 8BA4D0

# Harmonies

## Analogous

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



9A715B



8B7753



777D56

# Triad

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



8B7753



3D8489



8F6F91

# Complementary

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



8B7753



53678B

# 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.



77769D



8B7753



438298

# Square

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



8B7753



4B8475



5B7DA0



9D6B7E

# Rectangle

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



8B7753



68805D



5B7DA0



887196



# Sweetspot

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



8B7753



B5AD9F



8B5368



5C574F



DBDBDB



5C5C5C



# Same Dimension

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



8B7753



B5965E



848B53



45423E



855500



050300



# Inverse Universe

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



53678B



5E7DB5



5A538B



3E4045



002F85



000205



# Previews

## White Background



This preview shows how the Hex color 8B7753 looks on a white background.

## Color Contrast Check

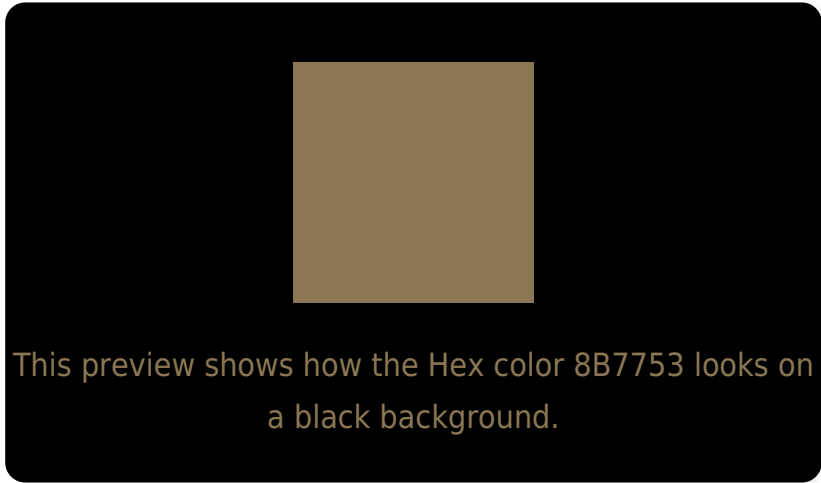
Large Text (above 18pt) WCAG AA ✓ Pass

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

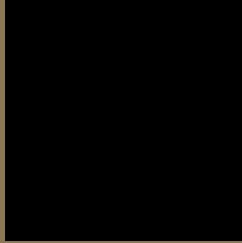
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8B7753 Background



This preview shows how black text looks on a background with the Hex color 8B7753.



This preview shows how white text looks on a background with the Hex color 8B7753.

# 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**  
8B7753

**Protanopia**  
847A54

**Deuteranopia**  
917454



**Tritanopia**  
8F727B

# Trichromacy



**Original Color**  
8B7753

**Protanomaly**  
877954

**Deuteranomaly**  
8F7554

**Tritanomaly**  
8E746C

# Monochromacy



**Original Color**  
8B7753

**Achromatopsia**  
797979

**Achromatomaly**  
80786B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B7753 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 #8B7753 looks like.

```
.text, #text, p{  
    color:#8B7753  
}
```

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 #8B7753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B7753
}
```

## Border

The CSS property to change the border of an element to Hex 8B7753 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
#8B7753 }
```

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

```
.border{ border-color:#8B7753 }
```

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

Here you see how a box with a 4 pixel #8B7753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B7753; -webkit-box-shadow:4px 4px  
4px 4px #8B7753; box-shadow:4px 4px 4px  
4px #8B7753 }
```

# Background

The CSS property to change the background color of an element to Hex 8B7753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B7753 }
```

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

```
.background{ background-color:#8B7753 }
```

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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