

# Converting Colors

Hex(8A7934)

Have a look what the booklet for  
Hex(8A7934) contains.

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**Color**

**Hex(8A7934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A7934
RGB	138, 121, 52
RGB Percent	54%, 47%, 20%
CMY	0.4588, 0.5255, 0.7961
CMYK	0.00, 0.12, 0.62, 0.46
HSL	48°, 45%, 37%
HSV	48°, 62%, 54%
XYZ	17.9384, 19.3260, 6.0336
YIQ	118.2170, 32.2810, -17.8550

# Conversions

## Conversions Part 2

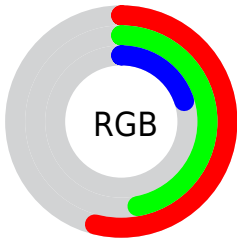
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 138, 52
Decimal	9074996
CIE <sub>Lab</sub>	51.07, -2.28, 39.38
CIE <sub>LCh</sub>	51, 39.448, 93.306
Yxy	19.3260, 0.4143, 0.4463
Android (android.graphics.Color)	4287265076 (0xFF8A7934)
YUV	118.2170, -32.6450, 17.3497
Hunter-Lab	43.9613, -4.0952, 22.6354

# Details

The Hex color **8A7934** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34458A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C2AD65**, and **554901** is the 20% darker color. If you saturate the color by 10%, you get **8A7626**, and if you desaturate by 10%, it is **8A7C42**.

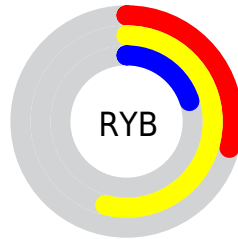
# Distribution



Red (54%)

Green (47%)

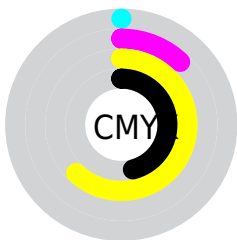
Blue (20%)



Red (29%)

Yellow (54%)

Blue (20%)

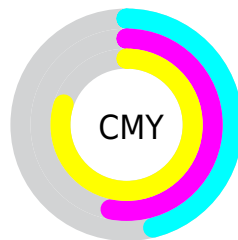


Cyan (0%)

Magenta (12%)

Yellow (62%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7934 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 8A7934 by changing the saturation by 10% instead.



 8A7934

 8A7934

FFFFFF

 6F601C

 C2AD65

 554901

 DEC87F

 3D3200

 FCE49A

 241E00

 FFFFB5

 000500

 FFFFD1

 000000

 FFFFED

 8A7934

 8A7934

 8A7626

 8A7C42

 8A7418

 8A7E50

 8A710B

 8A815D

 8A6F00

 8A846B

 8A8779

 8A8987

 8A8C95

 8A8FA2

 8A92B0

# Harmonies

## Analogous

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



A66D3E



8A7934



67823F

# Triad

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



8A7934



008A9E



A66398

# Complementary

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



8A7934



34458A

# 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.



816FB2



8A7934



0085B5

# Square

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



8A7934



008B7C



457CBD



B85D77

# Rectangle

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



8A7934



4B8750



457CBD



9C67A2



# Sweetspot

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



8A7934



B3AC91



8A3445



595545



D9D9D9



595959



# Same Dimension

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



8A7934



B3982D



708A34



45433E



856A00



050400



# Inverse Universe

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



34458A



2D47B3



4E348A



3E3F45



001A85



000105



# Previews

## White Background



This preview shows how the Hex color 8A7934 looks on a white background.

## Color Contrast Check

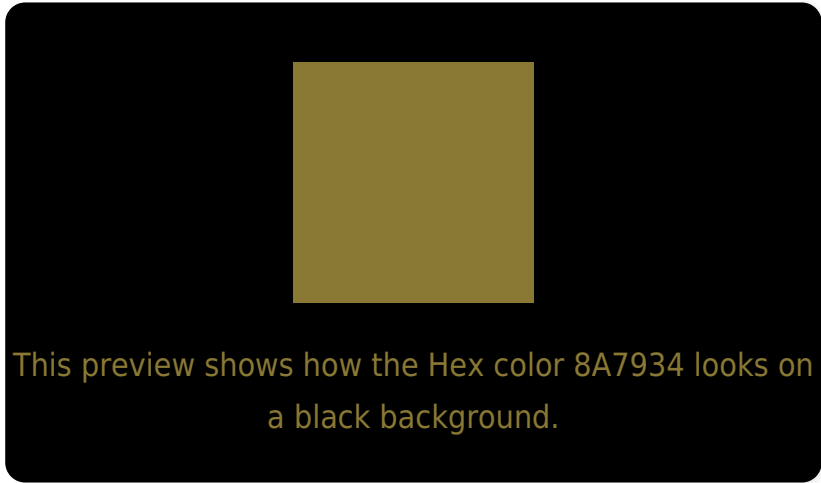
Large Text (above 18pt) WCAG AA ✓ Pass

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

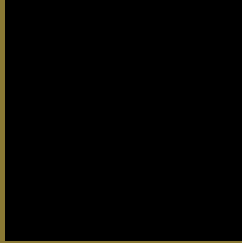
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A7934 Background



This preview shows how black text looks on a background with the Hex color 8A7934.

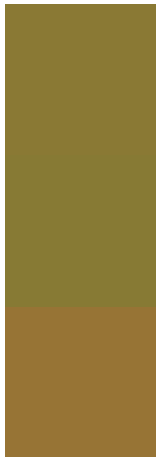


This preview shows how white text looks on a background with the Hex color 8A7934.

# 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**  
8A7934

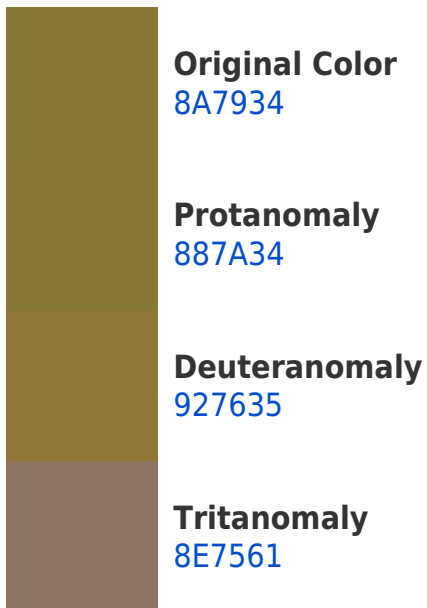
**Protanopia**  
877A34

**Deuteranopia**  
977435

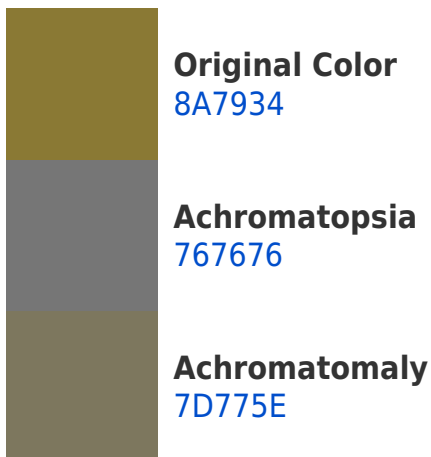


**Tritanopia**  
90727A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7934 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 #8A7934 looks like.

```
.text, #text, p{  
    color:#8A7934  
}
```

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 #8A7934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7934
}
```

## Border

The CSS property to change the border of an element to Hex 8A7934 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
#8A7934 }
```

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

```
.border{ border-color:#8A7934 }
```

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

Here you see how a box with a 4 pixel #8A7934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7934; -webkit-box-shadow:4px 4px  
4px 4px #8A7934; box-shadow:4px 4px 4px  
4px #8A7934 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7934 }
```

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

```
.background{ background-color:#8A7934 }
```

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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