

# Converting Colors

Hex(847267)

Have a look what the booklet for  
Hex(847267) contains.

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**Color**

**Hex(847267)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	847267
RGB	132, 114, 103
RGB Percent	52%, 45%, 40%
CMY	0.4824, 0.5529, 0.5961
CMYK	0.00, 0.14, 0.22, 0.48
HSL	23°, 12%, 46%
HSV	23°, 22%, 52%
XYZ	17.9812, 17.9194, 15.3430
YIQ	118.1280, 14.2590, 0.3950

# Conversions

## Conversions Part 2

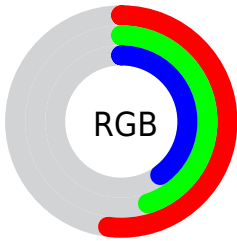
Format	Color
<a href="#">RYB</a>	<a href="#">132, 121, 103</a>
Decimal	<a href="#">8680039</a>
CIELab	<a href="#">49.40, 5.14, 8.68</a>
CIElCh	<a href="#">49, 10.090, 59.354</a>
Yxy	<a href="#">17.9194, 0.3509, 0.3497</a>
Android (android.graphics.Color)	<a href="#">4286870119</a> ( <a href="#">0xFF847267</a> )
YUV	<a href="#">118.1280, -7.4581, 12.1657</a>
Hunter-Lab	<a href="#">42.3314, 1.7421, 8.1422</a>

# Details

The Hex color **847267** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **677984**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B9A69A**, and **524238** is the 20% darker color. If you saturate the color by 10%, you get **846A5A**, and if you desaturate by 10%, it is **847A74**.

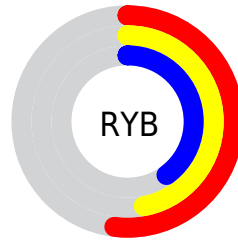
# Distribution



Red (52%)

Green (45%)

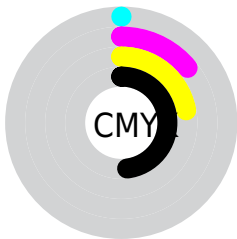
Blue (40%)



Red (52%)

Yellow (47%)

Blue (40%)

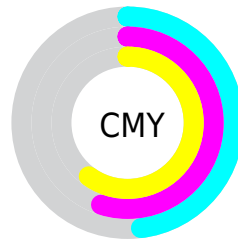


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 847267 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 847267 by changing the saturation by 10% instead.



 847267

 847267

FFFFFF

 6B5A4F

 B9A69A

 524238

 D5C1B5

 3B2C23

 F2DDD0

 25170D

 FFF9ED

 070000

 000000

 847267

 847267

 846A5A

 847A74

 84624D

 848281

 84593F

 848B8F

 845132

 84939C

 844925

 849BA9

 844118

 84A3B6

 84390B

 84ABC3

 843200

 84B4D1

 84BCDE

# Harmonies

## Analogous

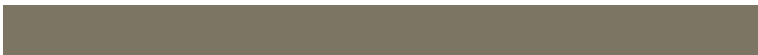
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88706D



847267



7D7564

# Triad

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



847267



627A75



777384

# Complementary

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



847267



677984

# 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.



6C7686



847267



607A7D

# Square

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



847267



697A6C



637984



81717E

# Rectangle

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



847267



767765



637984



737485



# Sweetspot

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



847267



ABA39F



846779



575250



D6D6D6



575757



# Same Dimension

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



847267



AB8F7E



848067



423E3C



823100



030100



# Inverse Universe

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



677984



7E9AAB



676B84



3C4042



005182



000203



# Previews

## White Background



This preview shows how the Hex color 847267 looks on a white background.

## Color Contrast Check

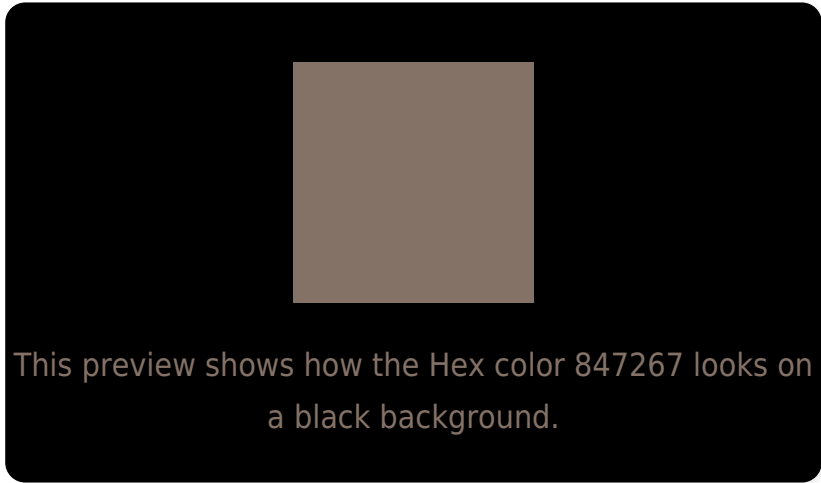
Large Text (above 18pt) WCAG AA ✓ Pass

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

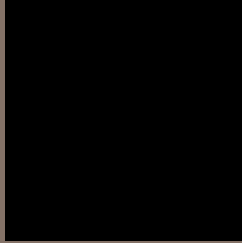
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 847267 Background



This preview shows how black text looks on a background with the Hex color 847267.



This preview shows how white text looks on a background with the Hex color 847267.

# 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**  
847267

**Protanopia**  
7B7569

**Deuteranopia**  
867167



**Tritanopia**  
866F78

# Trichromacy



**Original Color**  
847267

**Protanomaly**  
7E7468

**Deuteranomaly**  
857167

**Tritanomaly**  
857072

# Monochromacy



**Original Color**  
847267

**Achromatopsia**  
767676

**Achromatomaly**  
7B7571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 847267 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 #847267 looks like.

```
.text, #text, p{  
    color:#847267  
}
```

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 #847267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847267
}
```

## Border

The CSS property to change the border of an element to Hex 847267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

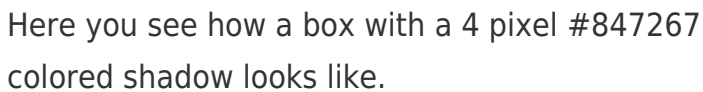
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847267 }
```

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

```
.border{ border-color:#847267 }
```

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



Here you see how a box with a 4 pixel #847267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847267; -webkit-box-shadow:4px 4px  
4px 4px #847267; box-shadow:4px 4px 4px  
4px #847267 }
```

# Background

The CSS property to change the background color of an element to Hex 847267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847267 }
```

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

```
.background{ background-color:#847267 }
```

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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