

# Converting Colors

Hex(8D6944)

Have a look what the booklet for  
Hex(8D6944) contains.

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**Color**

**Hex(8D6944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D6944
RGB	141, 105, 68
RGB Percent	55%, 41%, 27%
CMY	0.4471, 0.5882, 0.7333
CMYK	0.00, 0.26, 0.52, 0.45
HSL	30°, 35%, 41%
HSV	30°, 52%, 55%
XYZ	17.0795, 16.1832, 7.6923
YIQ	111.5460, 33.3330, -3.8750

# Conversions

## Conversions Part 2

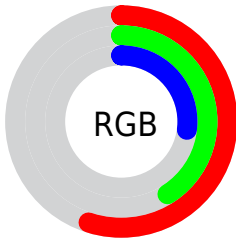
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 141, 68
Decimal	9267524
CIE <sub>Lab</sub>	47.21, 9.68, 26.31
CIE <sub>LCh</sub>	47, 28.034, 69.806
Yxy	16.1832, 0.4170, 0.3951
Android (android.graphics.Color)	4287457604 (0xFF8D6944)
YUV	111.5460, -21.4682, 25.8312
Hunter-Lab	40.2284, 5.3848, 16.8226

# Details

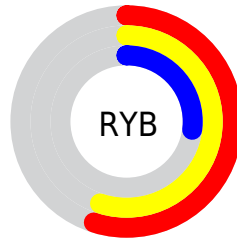
The Hex color **8D6944** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **44688D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **C49C75**, and **583A17** is the 20% darker color. If you saturate the color by 10%, you get **8D6236**, and if you desaturate by 10%, it is **8D7052**.

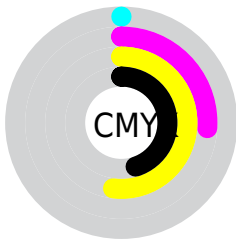
# Distribution



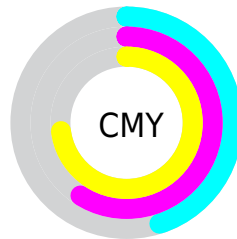
- Red (55%)
- Green (41%)
- Blue (27%)



- Red (55%)
- Yellow (55%)
- Blue (27%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D6944 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 8D6944 by changing the saturation by 10% instead.





8D6944



8D6944

FFFFFF



72512D



C49C75



583A17



E1B78F



402400



FED3A9



271000



FFEFC5



000000



FFFFE1

FFFFFFD



8D6944



8D6944



8D6236



8D7052

 8D5B28

 8D7760

 8D541A

 8D7E6E

 8D4D0C

 8D857C

 8D4700

 8D8C8B

 8D9399

 8D9AA7

 8DA1B5

 8DA8C3

# Harmonies

## Analogous

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



9B6153



8D6944



787141

# Triad

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



8D6944



1E7D77



7D6794

# Complementary

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



8D6944



44688D

# 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.



5A709E



8D6944



067B8D

# Square

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



8D6944



417B5F



31779C



946081

# Rectangle

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



8D6944



677646



31779C



726A99



# Sweetspot

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



8D6944



B8A99A



8D4469



5C534A



DBDBDB



5C5C5C



# Same Dimension

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



8D6944



B87F46



8D8D44



474440



874500



080400



# Inverse Universe

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



44688D



467EB8



44448D



404447



004387

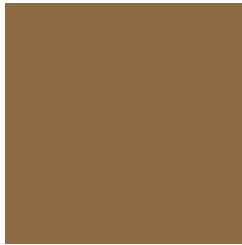


000408



# Previews

## White Background



This preview shows how the Hex color 8D6944 looks on a white background.

## Color Contrast Check

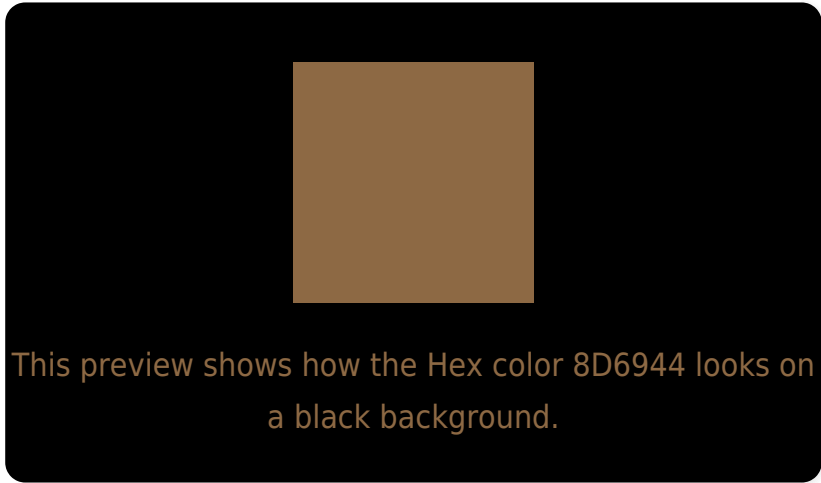
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

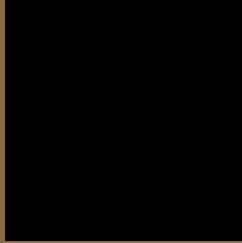
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8D6944 Background



This preview shows how black text looks on a background with the Hex color 8D6944.



This preview shows how white text looks on a background with the Hex color 8D6944.

# 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**  
8D6944

**Protanopia**  
7A7047

**Deuteranopia**  
886B44



**Tritanopia**  
90646C

# Trichromacy



**Original Color**  
8D6944

**Protanomaly**  
816D46

**Deuteranomaly**  
8A6A44

**Tritanomaly**  
8F665D

# Monochromacy



**Original Color**  
8D6944

**Achromatopsia**  
707070

**Achromatomaly**  
7B6D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D6944 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 #8D6944 looks like.

```
.text, #text, p{  
    color:#8D6944  
}
```

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 #8D6944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D6944
}
```

## Border

The CSS property to change the border of an element to Hex 8D6944 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
#8D6944 }
```

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

```
.border{ border-color:#8D6944 }
```

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

Here you see how a box with a 4 pixel #8D6944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D6944; -webkit-box-shadow:4px 4px  
4px 4px #8D6944; box-shadow:4px 4px 4px  
4px #8D6944 }
```

# Background

The CSS property to change the background color of an element to Hex 8D6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D6944 }
```

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

```
.background{ background-color:#8D6944 }
```

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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