

# Converting Colors

Hex(8B8256)

Have a look what the booklet for  
Hex(8B8256) contains.

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**Color**

**Hex(8B8256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B8256
RGB	139, 130, 86
RGB Percent	55%, 51%, 34%
CMY	0.4549, 0.4902, 0.6627
CMYK	0.00, 0.06, 0.38, 0.45
HSL	50°, 24%, 44%
HSV	50°, 38%, 55%
XYZ	20.3098, 22.1261, 12.0044
YIQ	127.6750, 19.4880, -11.7760

# Conversions

## Conversions Part 2

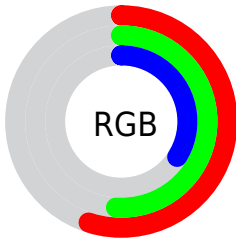
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 139, 86
Decimal	9142870
CIE Lab	54.16, -3.49, 25.07
CIE LCh	54, 25.308, 97.934
Yxy	22.1261, 0.3731, 0.4064
Android (android.graphics.Color)	4287332950 (0xFF8B8256)
YUV	127.6750, -20.5458, 9.9320
Hunter-Lab	47.0384, -5.2461, 17.7958

# Details

The Hex color **8B8256** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **565F8B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C1B788**, and **585128** is the 20% darker color. If you saturate the color by 10%, you get **8B8048**, and if you desaturate by 10%, it is **8B8464**.

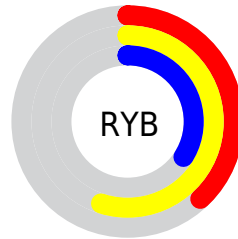
# Distribution



Red (55%)

Green (51%)

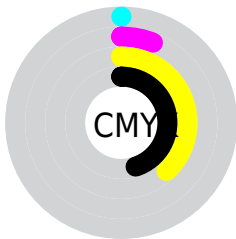
Blue (34%)



Red (38%)

Yellow (55%)

Blue (34%)

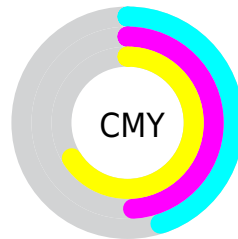


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B8256 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 8B8256 by changing the saturation by 10% instead.





8B8256



8B8256

FFFFFF



71693E



C1B788



585128



DED2A3



403A12



FAEFBE



2A2400



FFFFDA



0E1000



FFFFF6



000000



8B8256



8B8256



8B8048



8B8464



8B7D3A



8B8772

 8B7B2C

 8B8980

 8B791E

 8B8B8E

 8B7611

 8B8E9C

 8B7403

 8B90A9

 8B7300

 8B93B7

 8B95C5

 8B97D3

# Harmonies

## Analogous

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



9F7B5A



8B8256



73885E

# Triad

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



8B8256



3A8C9C



A27392

# Complementary

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



8B8256



565F8B

# 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.



8C7AA4



8B8256



4D88A9

# Square

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



8B8256



428E87



6D82AC



AD717C

# Rectangle

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



8B8256



628B6A



6D82AC



9C7599



# Sweetspot

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



8B8256



B5B2A1



8B5660



5C5A50



DBDBDB



5C5C5C



# Same Dimension

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



8B8256



B5A762



7A8B56



45443E



856E00



050400



# Inverse Universe

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



565F8B



6270B5



67568B



3E3F45



001785



000105



# Previews

## White Background



This preview shows how the Hex color 8B8256 looks on a white background.

## Color Contrast Check

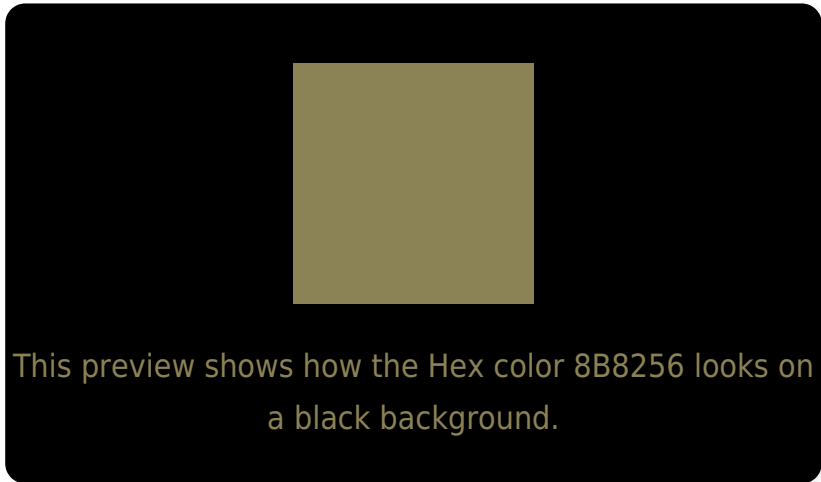
Large Text (above 18pt) WCAG AA ✓ Pass

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

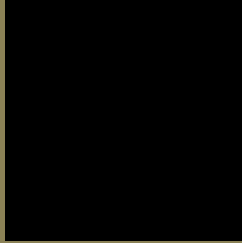
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8B8256 Background



This preview shows how black text looks on a background with the Hex color 8B8256.



This preview shows how white text looks on a background with the Hex color 8B8256.

# 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**  
8B8256

**Protanopia**  
8D8156

**Deuteranopia**  
9B7C57



**Tritanopia**  
907C86

# Trichromacy



**Original Color**  
8B8256

**Protanomaly**  
8C8156

**Deuteranomaly**  
957E57

**Tritanomaly**  
8E7E75

# Monochromacy



**Original Color**  
8B8256

**Achromatopsia**  
808080

**Achromatomaly**  
848171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B8256 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 #8B8256 looks like.

```
.text, #text, p{  
    color:#8B8256  
}
```

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 #8B8256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B8256
}
```

## Border

The CSS property to change the border of an element to Hex 8B8256 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
#8B8256 }
```

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

```
.border{ border-color:#8B8256 }
```

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

Here you see how a box with a 4 pixel #8B8256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B8256; -webkit-box-shadow:4px 4px  
4px 4px #8B8256; box-shadow:4px 4px 4px  
4px #8B8256 }
```

# Background

The CSS property to change the background color of an element to Hex 8B8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B8256 }
```

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

```
.background{ background-color:#8B8256 }
```

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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