

# Converting Colors

Hex(8F7236)

Have a look what the booklet for  
Hex(8F7236) contains.

<b>Hex(8F7236)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8F7236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F7236
RGB	143, 114, 54
RGB Percent	56%, 45%, 21%
CMY	0.4392, 0.5529, 0.7882
CMYK	0.00, 0.20, 0.62, 0.44
HSL	40°, 45%, 39%
HSV	40°, 62%, 56%
XYZ	18.0109, 18.1406, 6.0422
YIQ	115.8310, 36.5440, -12.5120

# Conversions

## Conversions Part 2

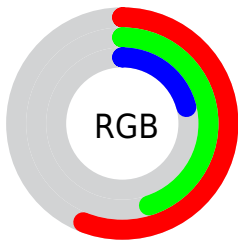
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 143, 54
Decimal	9400886
CIE Lab	49.67, 4.15, 36.93
CIE LCh	50, 37.164, 83.595
Yxy	18.1406, 0.4269, 0.4299
Android (android.graphics.Color)	4287590966 (0xFF8F7236)
YUV	115.8310, -30.4827, 23.8272
Hunter-Lab	42.5918, 0.9469, 21.4031

# Details

The Hex color **8F7236** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36538F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C7A667**, and **5A4205** is the 20% darker color. If you saturate the color by 10%, you get **8F6D28**, and if you desaturate by 10%, it is **8F7744**.

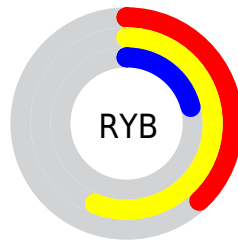
# Distribution



Red (56%)

Green (45%)

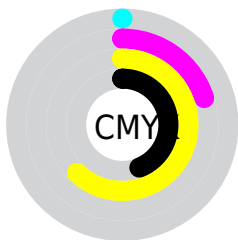
Blue (21%)



Red (38%)

Yellow (56%)

Blue (21%)

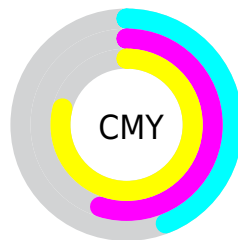


Cyan (0%)

Magenta (20%)

Yellow (62%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F7236 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 8F7236 by changing the saturation by 10% instead.





8F7236



8F7236

FFFFFF



745A1E



C7A667



5A4205



E4C181



412C00



FFDD9B



271800



FFF9B6



070000



FFFFD2



000000



FFFFEF



8F7236



8F7236



8F6D28



8F7744

 8F6919

 8F7B53

 8F640B

 8F8061

 8F6000

 8F856F

 8F897E

 8F8E8C

 8F939A

 8F97A8

 8F9CB7

# Harmonies

## Analogous

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



A66744



8F7236



707C3A

# Triad

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



8F7236



00868E



97649C

# Complementary

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



8F7236



36538F

# 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.



6E70B0



8F7236



0083A8

# Square

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



8F7236



01866E



2D7BB4



AD5C7E

# Rectangle

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



8F7236



588147



2D7BB4



8B68A4



# Sweetspot

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



8F7236



BAAF97



8F3654



5E5749



DEDEDE



5E5E5E



# Same Dimension

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



8F7236



BA8D2F



808F36



474540



875B00



080500



# Inverse Universe

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



36538F



2F5CBA



45368F



404347



002C87



000208



# Previews

## White Background



This preview shows how the Hex color 8F7236 looks on a white background.

## Color Contrast Check

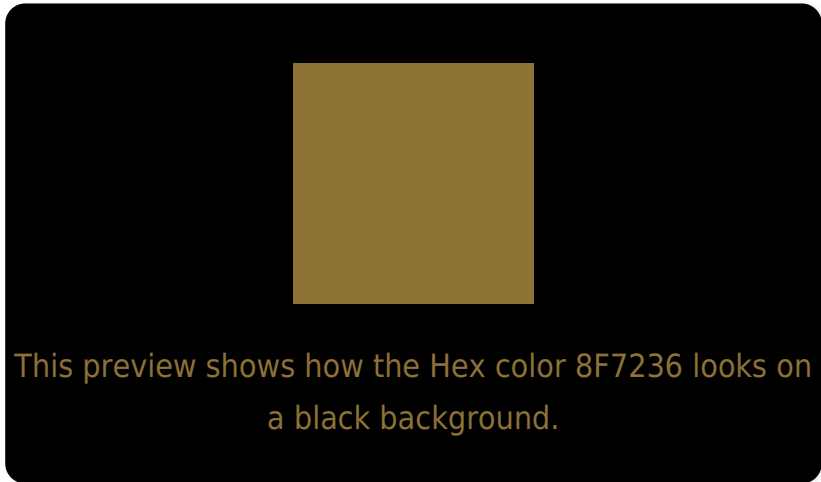
Large Text (above 18pt) WCAG AA ✓ Pass

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

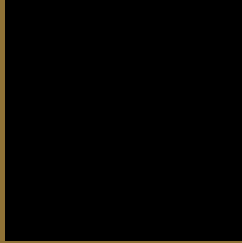
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8F7236 Background



This preview shows how black text looks on a background with the Hex color 8F7236.



This preview shows how white text looks on a background with the Hex color 8F7236.

# 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**  
8F7236

**Protanopia**  
837637

**Deuteranopia**  
927136



**Tritanopia**  
946B74

# Trichromacy



**Original Color**  
8F7236

**Protanomaly**  
877537

**Deuteranomaly**  
917136

**Tritanomaly**  
926E5D

# Monochromacy



**Original Color**  
8F7236

**Achromatopsia**  
747474

**Achromatomaly**  
7E735D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F7236 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 #8F7236 looks like.

```
.text, #text, p{  
    color:#8F7236  
}
```

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 #8F7236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F7236
}
```

## Border

The CSS property to change the border of an element to Hex 8F7236 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
#8F7236 }
```

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

```
.border{ border-color:#8F7236 }
```

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

Here you see how a box with a 4 pixel #8F7236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F7236; -webkit-box-shadow:4px 4px  
4px 4px #8F7236; box-shadow:4px 4px 4px  
4px #8F7236 }
```

# Background

The CSS property to change the background color of an element to Hex 8F7236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F7236 }
```

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

```
.background{ background-color:#8F7236 }
```

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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