

# Converting Colors

Hex(BF8542)

Have a look what the booklet for  
Hex(BF8542) contains.

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**Color**

**Hex(BF8542)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF8542
RGB	191, 133, 66
RGB Percent	75%, 52%, 26%
CMY	0.2510, 0.4784, 0.7412
CMYK	0.00, 0.30, 0.65, 0.25
HSL	32°, 49%, 50%
HSV	32°, 65%, 75%
XYZ	30.8568, 28.2448, 8.9797
YIQ	142.7040, 56.0750, -8.5410

# Conversions

## Conversions Part 2

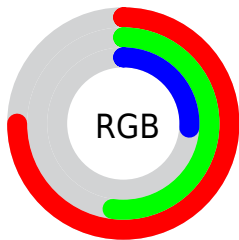
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 191, 66</a>
Decimal	<a href="#">12551490</a>
<a href="#">CIELab</a>	<a href="#">60.11, 15.59, 44.17</a>
<a href="#">CIELCh</a>	<a href="#">60, 46.836, 70.563</a>
<a href="#">Yxy</a>	<a href="#">28.2448, 0.4532, 0.4149</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290741570 (0xFFBF8542)</a>
<a href="#">YUV</a>	<a href="#">142.7040, -37.8151, 42.3556</a>
<a href="#">Hunter-Lab</a>	<a href="#">53.1458, 10.6329, 27.1842</a>

# Details

The Hex color **BF8542** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **427CBF**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FBBA74**, and **865310** is the 20% darker color. If you saturate the color by 10%, you get **BF7C2F**, and if you desaturate by 10%, it is **BF8E55**.

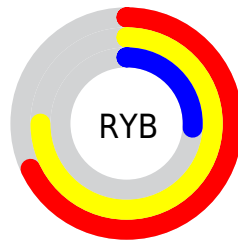
# Distribution



Red (75%)

Green (52%)

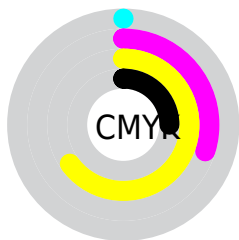
Blue (26%)



Red (68%)

Yellow (75%)

Blue (26%)

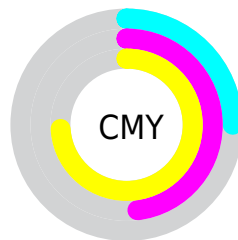


Cyan (0%)

Magenta (30%)

Yellow (65%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF8542 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 BF8542 by changing the saturation by 10% instead.



 BF8542

 BF8542

FFFFFF

 A26C2A

 FBBA74

 865310

 FFD68F

 6A3C00

 FFF2AA

 4F2600

 FFFFC5

 341200

 FFFFE2

 1D0001

 000000

 BF8542

 BF8542

 BF7C2F

 BF8E55

 BF731C

 BF9768

 BF6A09

 BFA07B

 BF6600

 BFA88E

 BFB1A2

 BFBAB5

 BFC3C8

 BFCCDB

 BFD5EE

# Harmonies

## Analogous

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



D7765D



BF8542



9B933C

# Triad

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



BF8542



00A69F



A780D0

# Complementary

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



BF8542



427CBF

# 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.



6490E2



BF8542



00A4C5

# Square

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



BF8542



2BA474



009DDE



CF72AD

# Rectangle

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



BF8542



7E9B47



009DDE



9486D8

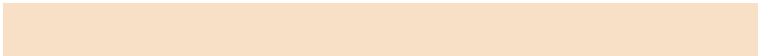


# Sweetspot

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



BF8542



F7E0C6



BF427C



7D6F5F



FCFCFC



7D7D7D



# Same Dimension

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



BF8542



F79D34



BBBF42



5E5A55



9E5500



1F1000



# Inverse Universe

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



427CBF



348FF7



4642BF



55595E



00499E

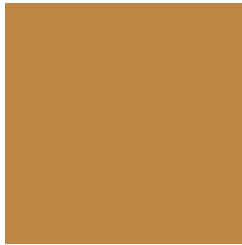


000E1F



# Previews

## White Background



This preview shows how the Hex color BF8542 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

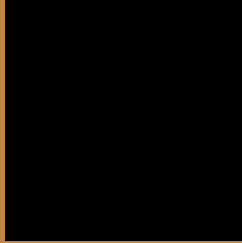
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF8542 Background



This preview shows how black text looks on a background with the Hex color BF8542.



This preview shows how white text looks on a background with the Hex color BF8542.

# 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**  
BF8542

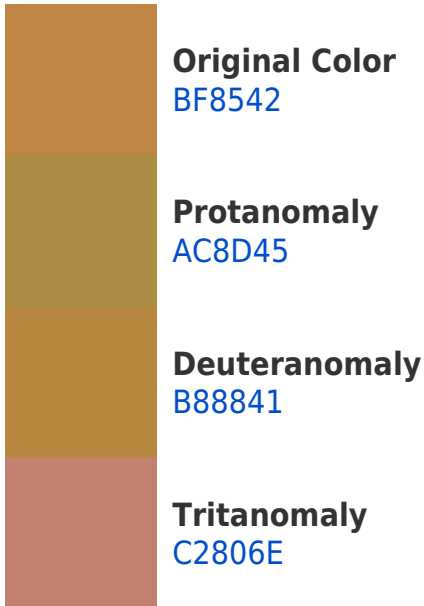
**Protanopia**  
A19146

**Deuteranopia**  
B48A41



**Tritanopia**  
C47D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF8542 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 #BF8542 looks like.

```
.text, #text, p{  
    color:#BF8542  
}
```

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 #BF8542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF8542
}
```

## Border

The CSS property to change the border of an element to Hex BF8542 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
#BF8542 }
```

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

```
.border{ border-color:#BF8542 }
```

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

Here you see how a box with a 4 pixel #BF8542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF8542; -webkit-box-shadow:4px 4px  
4px 4px #BF8542; box-shadow:4px 4px 4px  
4px #BF8542 }
```

# Background

The CSS property to change the background color of an element to Hex BF8542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF8542 }
```

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

```
.background{ background-color:#BF8542 }
```

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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