

# Converting Colors

Hex(846565)

Have a look what the booklet for  
Hex(846565) contains.

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**Color**

**Hex(846565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846565
RGB	132, 101, 101
RGB Percent	52%, 40%, 40%
CMY	0.4824, 0.6039, 0.6039
CMYK	0.00, 0.23, 0.23, 0.48
HSL	0°, 13%, 46%
HSV	0°, 23%, 52%
XYZ	16.5184, 15.1525, 14.3660
YIQ	110.2690, 18.4760, 6.5720

# Conversions

## Conversions Part 2

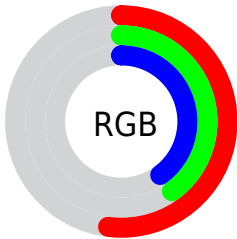
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 101, 101
Decimal	8676709
CIE Lab	45.84, 12.47, 4.81
CIE LCh	46, 13.360, 21.089
Yxy	15.1525, 0.3588, 0.3291
Android (android.graphics.Color)	4286866789 (0xFF846565)
YUV	110.2690, -4.5696, 19.0581
Hunter-Lab	38.9262, 7.6258, 5.3669

# Details

The Hex color **846565** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **658484**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BA9898**, and **523636** is the 20% darker color. If you saturate the color by 10%, you get **845858**, and if you desaturate by 10%, it is **847272**.

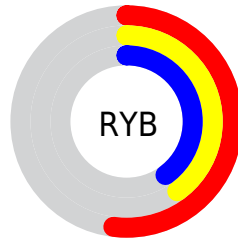
# Distribution



Red (52%)

Green (40%)

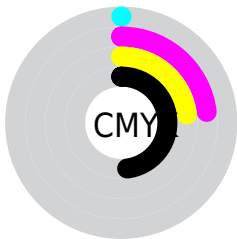
Blue (40%)



Red (52%)

Yellow (40%)

Blue (40%)

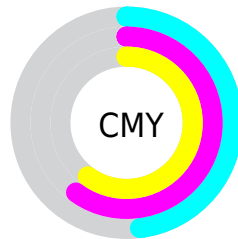


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (48%)



Cyan (48%)

Magenta (60%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846565 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 846565 by changing the saturation by 10% instead.



846565

846565

FFFFFF

6A4D4D

BA9898

523636

D6B3B3

3A2021

F2CECE

250B0A

FFEBEA

000000

846565

846565

845858

847272

844B4B

847F7F

843D3D

848D8D

■ 843030

■ 849A9A

■ 842323

■ 84A7A7

■ 841616

■ 84B4B4

■ 840909

■ 84C1C1

■ 840000

■ 84CFCF

■ 84DCDC

# Harmonies

## Analogous

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



816570



846565



81675C

# Triad

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



846565



60715E



5C6F82

# Complementary

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



846565



658484

# 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.



51717E



846565



557369

# Square

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



846565



6D6E58



4F7374



6A6B81

# Rectangle

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



846565



7C6958



4F7374



577081



# Sweetspot

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



846565



AB9F9F



846584



575050



D6D6D6



575757



# Same Dimension

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



846565



AB7B7B



847565



423C3C



820000



030000



# Inverse Universe

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



658484



7BABAB



657584



3C4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 846565 looks on a white background.

## Color Contrast Check

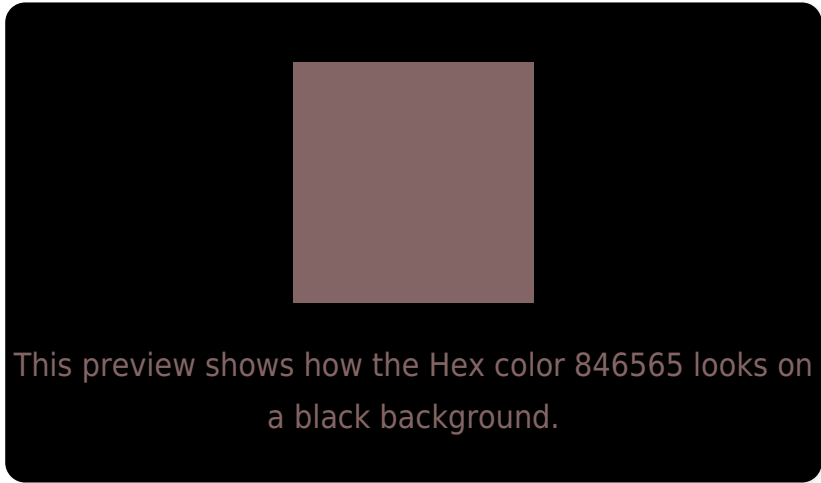
Large Text (above 18pt) WCAG AA ✓ Pass

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 846565 Background



This preview shows how black text looks on a background with the Hex color 846565.



This preview shows how white text looks on a background with the Hex color 846565.

# 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**  
846565

**Protanopia**  
706C69

**Deuteranopia**  
7A6964



**Tritanopia**  
85646C

# Trichromacy



**Original Color**  
846565

**Protanomaly**  
776968

**Deuteranomaly**  
7E6864

**Tritanomaly**  
856469

# Monochromacy



**Original Color**  
846565

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
766B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846565 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 #846565 looks like.

```
.text, #text, p{  
    color:#846565  
}
```

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 #846565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846565
}
```

## Border

The CSS property to change the border of an element to Hex 846565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

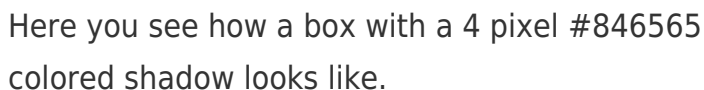
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846565 }
```

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

```
.border{ border-color:#846565 }
```

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



Here you see how a box with a 4 pixel #846565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846565; -webkit-box-shadow:4px 4px  
4px 4px #846565; box-shadow:4px 4px 4px  
4px #846565 }
```

# Background

The CSS property to change the background color of an element to Hex 846565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846565 }
```

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

```
.background{ background-color:#846565 }
```

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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