

# Converting Colors

Hex(8E5568)

Have a look what the booklet for  
Hex(8E5568) contains.

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# Color

**Hex(8E5568)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E5568
RGB	142, 85, 104
RGB Percent	56%, 33%, 41%
CMY	0.4431, 0.6667, 0.5922
CMYK	0.00, 0.40, 0.27, 0.44
HSL	340°, 25%, 45%
HSV	340°, 40%, 56%
XYZ	16.9025, 13.2473, 14.7628
YIQ	104.2090, 27.8730, 17.9930

# Conversions

## Conversions Part 2

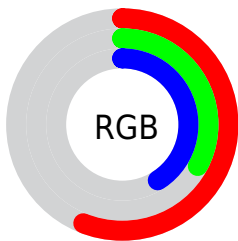
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 85, 104
Decimal	9327976
CIE Lab	43.13, 26.29, -0.79
CIE LCh	43, 26.300, 358.274
Yxy	13.2473, 0.3763, 0.2950
Android (android.graphics.Color)	4287518056 (0xFF8E5568)
YUV	104.2090, -0.1030, 33.1427
Hunter-Lab	36.3968, 19.2003, 1.4293

# Details

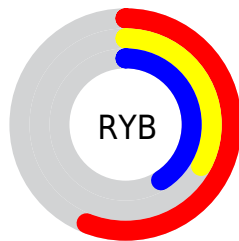
The Hex color **8E5568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **558E7B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C5889B**, and **5A2639** is the 20% darker color. If you saturate the color by 10%, you get **8E475F**, and if you desaturate by 10%, it is **8E6371**.

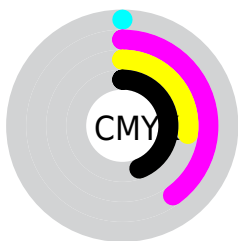
# Distribution



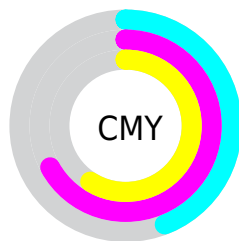
- Red (56%)
- Green (33%)
- Blue (41%)



- Red (56%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (44%)



- Cyan (44%)
- Magenta (67%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E5568 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 8E5568 by changing the saturation by 10% instead.



 8E5568

 8E5568

FFFFFF

 743D50

 C5889B

 5A2639

 E2A2B6

 410F24

 FFBDD1

 2B000E

 FFD9EE

 000000

 FFF6FF

 8E5568

 8E5568

 8E475F

 8E6371

 8E3955

 8E717B

 8E2A4C

 8E8084

 8E1C42

 8E8E8E

 8E0E39

 8E9C97

 8E002F

 8EAAA1

 8EB8AA

 8EC7B4

 8ED5BD

# Harmonies

## Analogous

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



80597D



8E5568



905652

# Triad

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



8E5568



5F6B3F



1B6E8A

# Complementary

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



8E5568



558E7B

# 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.



04717A



8E5568



456F4E

# Square

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



8E5568



75643A



277164



446891

# Rectangle

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



8E5568



8B5A46



277164



0D6F86



# Sweetspot

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



8E5568



B8A2A9



7B558E



5C4F53



DBDBDB



5C5C5C



# Same Dimension

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



8E5568



B85F7D



8E5E55



474043



87002D



080003



# Inverse Universe

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



8E5568



B85F7D



55848E



474043



87002D

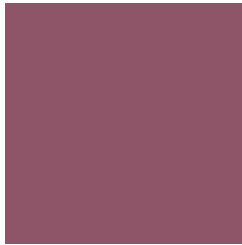


080003



# Previews

## White Background



This preview shows how the Hex color 8E5568 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

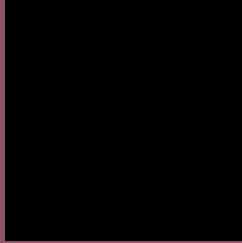
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E5568 Background



This preview shows how black text looks on a background with the Hex color 8E5568.



This preview shows how white text looks on a background with the Hex color 8E5568.

# 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**  
8E5568

**Protanopia**  
656672

**Deuteranopia**  
706366



**Tritanopia**  
8D575D

# Trichromacy



**Original Color**  
8E5568

**Protanomaly**  
74606E

**Deuteranomaly**  
7B5E67

**Tritanomaly**  
8D5661

# Monochromacy



**Original Color**  
8E5568

**Achromatopsia**  
686868

**Achromatomaly**  
766168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E5568 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 #8E5568 looks like.

```
.text, #text, p{  
    color:#8E5568  
}
```

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 #8E5568 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E5568  
}
```

## Border

The CSS property to change the border of an element to Hex 8E5568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

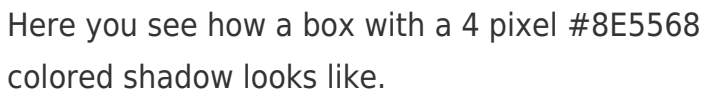
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8E5568 }
```

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

```
.border{ border-color:#8E5568 }
```

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



Here you see how a box with a 4 pixel #8E5568 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E5568; -webkit-box-shadow:4px 4px  
4px 4px #8E5568; box-shadow:4px 4px 4px  
4px #8E5568 }
```

# Background

The CSS property to change the background color of an element to Hex 8E5568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E5568 }
```

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

```
.background{ background-color:#8E5568 }
```

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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