

# Converting Colors

Hex(86654D)

Have a look what the booklet for  
Hex(86654D) contains.

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**Color**

**Hex(86654D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86654D
RGB	134, 101, 77
RGB Percent	53%, 40%, 30%
CMY	0.4745, 0.6039, 0.6980
CMYK	0.00, 0.25, 0.43, 0.47
HSL	25°, 27%, 41%
HSV	25°, 43%, 53%
XYZ	15.8248, 14.9115, 9.0653
YIQ	108.1310, 27.3720, -0.4680

# Conversions

## Conversions Part 2

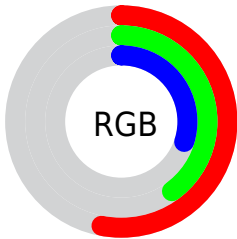
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 118, 77
Decimal	8807757
CIELab	45.51, 9.92, 18.72
CIElCh	46, 21.192, 62.076
Yxy	14.9115, 0.3976, 0.3746
Android (android.graphics.Color)	4286997837 (0xFF86654D)
YUV	108.1310, -15.3476, 22.6871
Hunter-Lab	38.6154, 5.5730, 13.1119

# Details

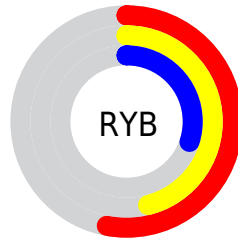
The Hex color **86654D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D6E86**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BC987E**, and **533620** is the 20% darker color. If you saturate the color by 10%, you get **865D40**, and if you desaturate by 10%, it is **866D5A**.

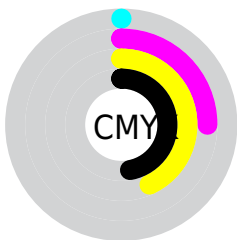
# Distribution



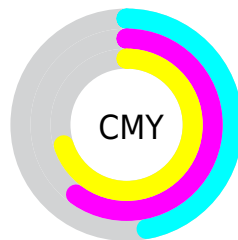
- Red (53%)
- Green (40%)
- Blue (30%)



- Red (53%)
- Yellow (46%)
- Blue (30%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86654D 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 86654D by changing the saturation by 10% instead.





86654D



86654D

FFFFFF



6C4D36



BC987E



533620



D9B398



3A210A



F6CEB3



240B00



FFEACF



000000



FFFFEB



86654D



86654D



865D40



866D5A



865532



867568

 864E25

 867C75

 864617

 868483

 863E0A

 868C90

 863800

 86949D

 869BAB

 86A3B8

 86ABC6

# Harmonies

## Analogous

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



8E605A



86654D



776B48

# Triad

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



86654D



3C766C



70678A

# Complementary

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



86654D



4D6E86

# 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.



576D8F



86654D



33757E

# Square

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



86654D



4F745B



3E728A



83617D

# Rectangle

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



86654D



6B6F4B



3E728A



68698C



# Sweetspot

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



86654D



ADA097



864D6E



574F49



D6D6D6



575757



# Same Dimension

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



86654D



AD7A55



86814D



423E3C



823700



030100



# Inverse Universe

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



4D6E86



5588AD



4D5286



3C4042



004B82

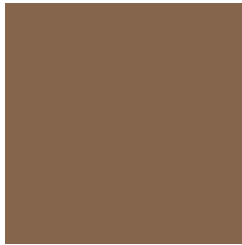


000103



# Previews

## White Background



This preview shows how the Hex color 86654D looks on a white background.

## Color Contrast Check

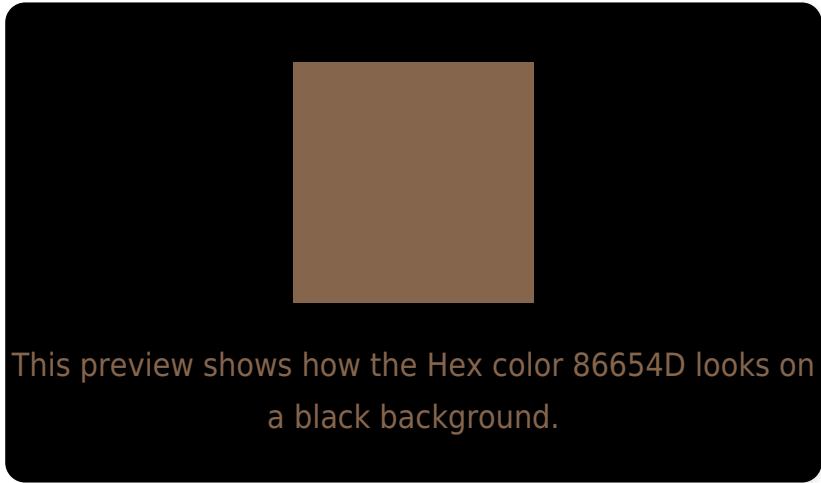
Large Text (above 18pt) WCAG AA ✓ Pass

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

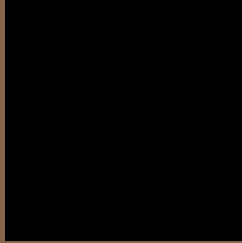
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 86654D Background



This preview shows how black text looks on a background with the Hex color 86654D.



This preview shows how white text looks on a background with the Hex color 86654D.

# 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**  
86654D

**Protanopia**  
746C50

**Deuteranopia**  
80674D



**Tritanopia**  
896169

# Trichromacy



**Original Color**  
86654D

**Protanomaly**  
7B694F

**Deuteranomaly**  
82664D

**Tritanomaly**  
88625F

# Monochromacy



**Original Color**  
86654D

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
756961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86654D 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 #86654D looks like.

```
.text, #text, p{  
    color:#86654D  
}
```

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 #86654D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86654D
}
```

## Border

The CSS property to change the border of an element to Hex 86654D is called "border". The border property can be set on classes, ids or directly on the HTML element.

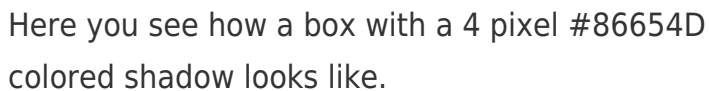
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86654D }
```

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

```
.border{ border-color:#86654D }
```

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



Here you see how a box with a 4 pixel #86654D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86654D; -webkit-box-shadow:4px 4px  
4px 4px #86654D; box-shadow:4px 4px 4px  
4px #86654D }
```

# Background

The CSS property to change the background color of an element to Hex 86654D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86654D }
```

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

```
.background{ background-color:#86654D }
```

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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