

# Converting Colors

Hex(86574D)

Have a look what the booklet for  
Hex(86574D) contains.

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**Color**

**Hex(86574D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86574D
RGB	134, 87, 77
RGB Percent	53%, 34%, 30%
CMY	0.4745, 0.6588, 0.6980
CMYK	0.00, 0.35, 0.43, 0.47
HSL	11°, 27%, 41%
HSV	11°, 43%, 53%
XYZ	14.5793, 12.4205, 8.6502
YIQ	99.9130, 31.2220, 6.8540

# Conversions

## Conversions Part 2

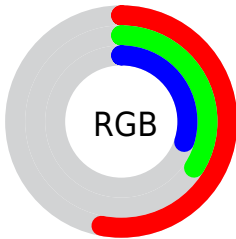
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 89, 77</a>
Decimal	<a href="#">8804173</a>
<a href="#">CIELab</a>	<a href="#">41.88, 18.18, 13.81</a>
<a href="#">CIELCh</a>	<a href="#">42, 22.832, 37.219</a>
<a href="#">Yxy</a>	<a href="#">12.4205, 0.4090, 0.3484</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4286994253 (0xFF86574D)</a>
<a href="#">YUV</a>	<a href="#">99.9130, -11.2961, 29.8943</a>
<a href="#">Hunter-Lab</a>	<a href="#">35.2428, 12.1671, 10.1175</a>

# Details

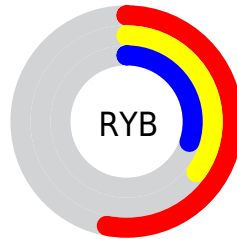
The Hex color **86574D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D7C86**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BD897E**, and **522921** is the 20% darker color. If you saturate the color by 10%, you get **864C40**, and if you desaturate by 10%, it is **86625A**.

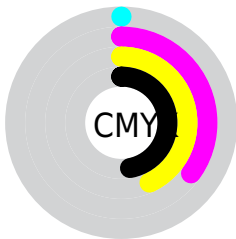
# Distribution



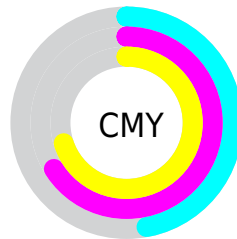
- Red (53%)
- Green (34%)
- Blue (30%)



- Red (53%)
- Yellow (35%)
- Blue (30%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (47%)



- Cyan (47%)
- Magenta (66%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86574D 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 86574D by changing the saturation by 10% instead.



 86574D

 86574D

FFFFFF

 6C3F36

 BD897E

 522921

 D9A498

 39130B

 F6BFB3

 240000

 FFDBCE

 000000

 FFF7EA

 86574D

 86574D

 864C40

 86625A

 864132

 866D68

863625

867875

862B17

868383

86200A

868E90

861800

86999D

86A4AB

86AFB8

86BAC6

# Harmonies

## Analogous

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



87545F



86574D



7C5D41

# Triad

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



86574D



406C54



506388

# Complementary

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



86574D



4D7C86

# 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.



336985



86574D



2A6D67

# Square

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



86574D



576844



206C79



6B5C81

# Rectangle

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



86574D



71613D



206C79



466588



# Sweetspot

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



86574D



AD9B97



864D7C



574B49



D6D6D6



575757



# Same Dimension

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



86574D



AD6455



86734D



423D3C



821700



030000



# Inverse Universe

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



4D7C86



559EAD



4D6086



3C4142



006B82



000203



# Previews

## White Background



This preview shows how the Hex color 86574D looks on a white background.

## Color Contrast Check

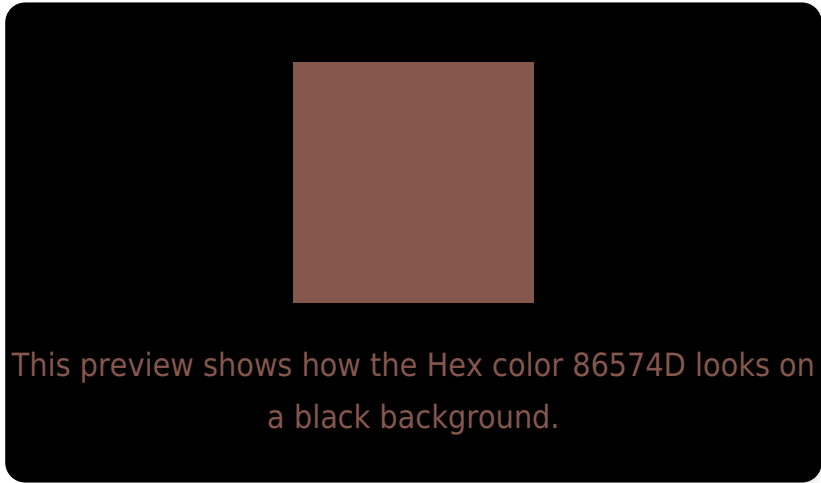
Large Text (above 18pt) WCAG AA ✓ Pass

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

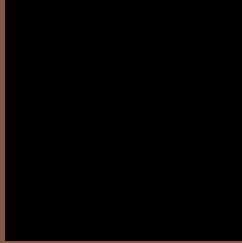
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 86574D Background



This preview shows how black text looks on a background with the Hex color 86574D.



This preview shows how white text looks on a background with the Hex color 86574D.

# 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**  
86574D

**Protanopia**  
696353

**Deuteranopia**  
755F4B



**Tritanopia**  
87555B

# Trichromacy



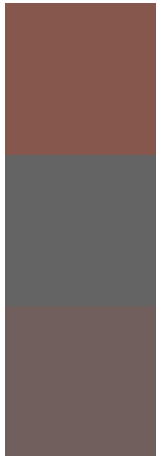
**Original Color**  
86574D

**Protanomaly**  
745F51

**Deuteranomaly**  
7B5C4C

**Tritanomaly**  
875656

# Monochromacy



**Original Color**  
86574D

**Achromatopsia**  
646464

**Achromatomaly**  
705F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86574D 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 #86574D looks like.

```
.text, #text, p{  
    color:#86574D  
}
```

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 #86574D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86574D
}
```

## Border

The CSS property to change the border of an element to Hex 86574D is called "border". The border property can be set on classes, ids or directly on the HTML element.

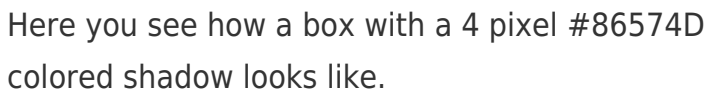
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86574D }
```

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

```
.border{ border-color:#86574D }
```

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



Here you see how a box with a 4 pixel #86574D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86574D; -webkit-box-shadow:4px 4px  
4px 4px #86574D; box-shadow:4px 4px 4px  
4px #86574D }
```

# Background

The CSS property to change the background color of an element to Hex 86574D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86574D }
```

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

```
.background{ background-color:#86574D }
```

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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