

# Converting Colors

Hex(86726A)

Have a look what the booklet for  
Hex(86726A) contains.

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# Color

Hex(86726A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86726A
RGB	134, 114, 106
RGB Percent	53%, 45%, 42%
CMY	0.4745, 0.5529, 0.5843
CMYK	0.00, 0.15, 0.21, 0.47
HSL	17°, 12%, 47%
HSV	17°, 21%, 53%
XYZ	18.4503, 18.1436, 16.1653
YIQ	119.0680, 14.4880, 1.7520

# Conversions

## Conversions Part 2

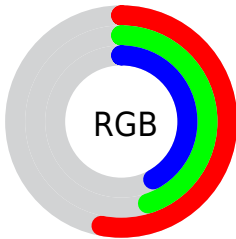
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 117, 106
Decimal	88111114
CIE <sub>Lab</sub>	49.67, 6.45, 7.32
CIE <sub>LCh</sub>	50, 9.756, 48.633
Yxy	18.1436, 0.3497, 0.3439
Android (android.graphics.Color)	4287001194 (0xFF86726A)
YUV	119.0680, -6.4425, 13.0954
Hunter-Lab	42.5953, 2.7764, 7.3156

# Details

The Hex color **86726A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A7E86**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BBA69D**, and **54423B** is the 20% darker color. If you saturate the color by 10%, you get **86685D**, and if you desaturate by 10%, it is **867C77**.

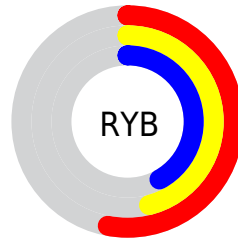
# Distribution



Red (53%)

Green (45%)

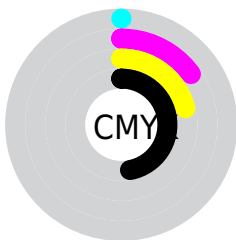
Blue (42%)



Red (53%)

Yellow (46%)

Blue (42%)

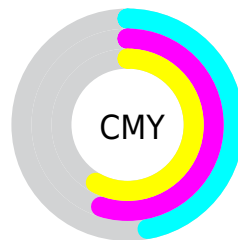


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86726A 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 86726A by changing the saturation by 10% instead.





86726A



86726A

FFFFFF



6C5952



BBA69D



54423B



D7C1B8



3C2C25



F4DDD4



261710



FFF9F0



0D0000



000000



86726A



86726A



86685D



867C77



865F4F



868585

 865542

 868F92

 864C34

 8698A0

 864227

 86A2AD

 86391A

 86ABBA

 862F0C

 86B5C8

 862600

 86BFD5

 86C8E3

# Harmonies

## Analogous

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



887171



86726A



807466

# Triad

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



86726A



667B73



747586

# Complementary

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



86726A



6A7E86

# 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.



6A7886



86726A



617B7B

# Square

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



86726A



6E796B



637A82



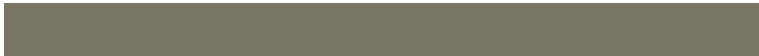
7E7281

# Rectangle

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



86726A



7A7666



637A82



707686



# Sweetspot

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



86726A



ADA6A3



866A7E



575251



D6D6D6



575757



# Same Dimension

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



86726A



AD8E82



86806A



423E3C



822500



030100



# Inverse Universe

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



6A7E86



82A1AD



6A7086



3C4042



005D82



000203



# Previews

## White Background



This preview shows how the Hex color 86726A looks on a white background.

## Color Contrast Check

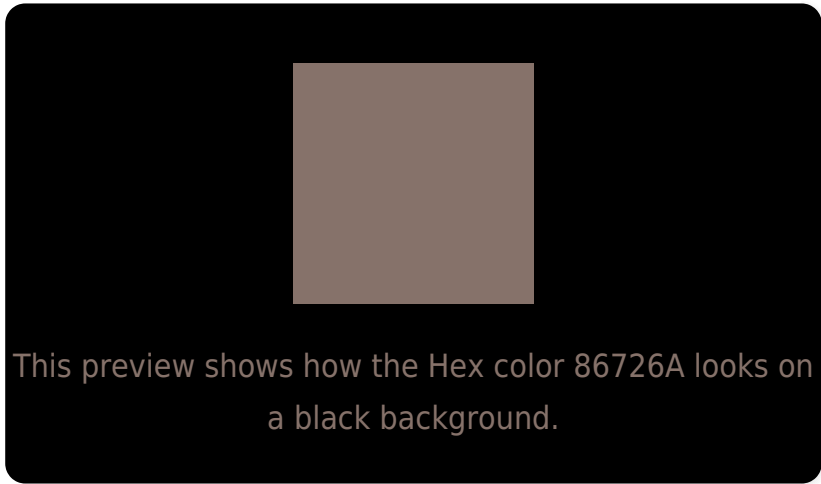
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 86726A Background



This preview shows how black text looks on a background with the Hex color 86726A.

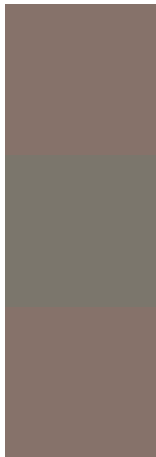


This preview shows how white text looks on a background with the Hex color 86726A.

# 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**  
86726A

**Protanopia**  
7B766C

**Deuteranopia**  
86726A



**Tritanopia**  
887079

# Trichromacy



**Original Color**  
86726A

**Protanomaly**  
7F756B

**Deuteranomaly**  
86726A

**Tritanomaly**  
877174

# Monochromacy



**Original Color**  
86726A

**Achromatopsia**  
777777

**Achromatomaly**  
7C7572

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86726A 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 #86726A looks like.

```
.text, #text, p{  
    color:#86726A  
}
```

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 #86726A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86726A
}
```

## Border

The CSS property to change the border of an element to Hex 86726A is called "border". The border property can be set on classes, ids or directly on the HTML element.

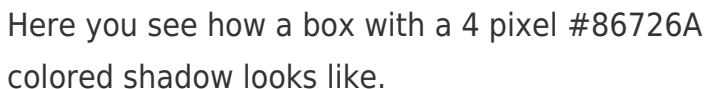
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86726A }
```

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

```
.border{ border-color:#86726A }
```

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



Here you see how a box with a 4 pixel #86726A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86726A; -webkit-box-shadow:4px 4px  
4px 4px #86726A; box-shadow:4px 4px 4px  
4px #86726A }
```

# Background

The CSS property to change the background color of an element to Hex 86726A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86726A }
```

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

```
.background{ background-color:#86726A }
```

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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