

# Converting Colors

Hex(71856E)

Have a look what the booklet for  
Hex(71856E) contains.

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# Color

**Hex(71856E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71856E
RGB	113, 133, 110
RGB Percent	44%, 52%, 43%
CMY	0.5569, 0.4784, 0.5686
CMYK	0.15, 0.00, 0.17, 0.48
HSL	112°, 9%, 48%
HSV	112°, 17%, 52%
XYZ	18.0121, 21.4116, 17.9354
YIQ	124.3980, -4.5370, -11.3930

# Conversions

## Conversions Part 2

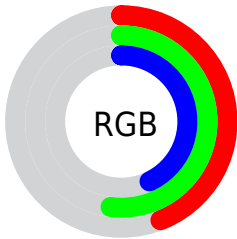
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 133, 130
Decimal	7439726
CIELab	53.40, -11.93, 10.02
CIELCh	53, 15.576, 139.983
Yxy	21.4116, 0.3140, 0.3733
Android (android.graphics.Color)	4285629806 (0xFF71856E)
YUV	124.3980, -7.0982, -9.9960
Hunter-Lab	46.2726, -11.4943, 9.4099

# Details

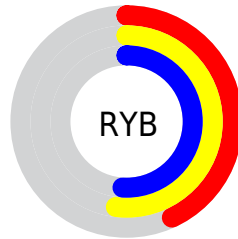
The Hex color **71856E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **826E85**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A5BAA2**, and **41533E** is the 20% darker color. If you saturate the color by 10%, you get **658561**, and if you desaturate by 10%, it is **7D857B**.

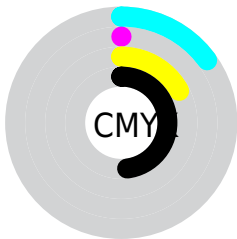
# Distribution



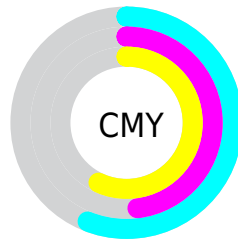
- Red (44%)
- Green (52%)
- Blue (43%)



- Red (43%)
- Yellow (52%)
- Blue (51%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (48%)



- Cyan (56%)
- Magenta (48%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71856E 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 71856E by changing the saturation by 10% instead.



 71856E

 71856E

FFFFFF

 586C56

 A5BAA2

 41533E

 C0D6BD

 2A3C28

 DCF2D8

 152614

 F9FFF5

 001300

 000000

 71856E

 71856E

 658561

 7D857B

 5A8553

 888589

 4E8546

 948596

 438539

 9F85A3

 37852C

 AB85B1

 2C851E

 B685BE

 208511

 C285CB

 148504

 CE85D8

 118500

 D985E6

# Harmonies

## Analogous

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



808166



71856E



63877A

# Triad

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



71856E



6B829A



9C7677

# Complementary

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



71856E



826E85

# 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.



987785



71856E



7C7E99

# Square

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



71856E



5E8694



8D7991



98796C

# Rectangle

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



71856E



5D8784



8D7991



9B767B



# Sweetspot

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



71856E



A6ADA5



85826E



525751



D6D6D6



575757



# Same Dimension

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



71856E



8EAD89



6E8576



3D423C



118200



000300



# Inverse Universe

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



826E85



A989AD



856E7D



413C42



710082



020003



# Previews

## White Background



This preview shows how the Hex color 71856E looks on a white background.

## Color Contrast Check

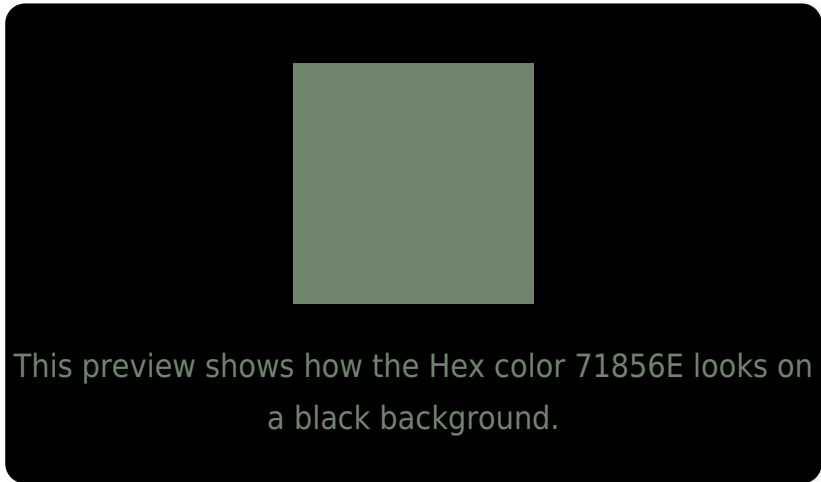
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

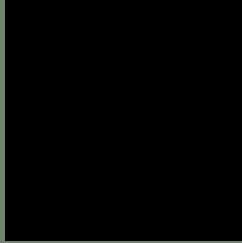
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 71856E Background



This preview shows how black text looks on a background with the Hex color 71856E.

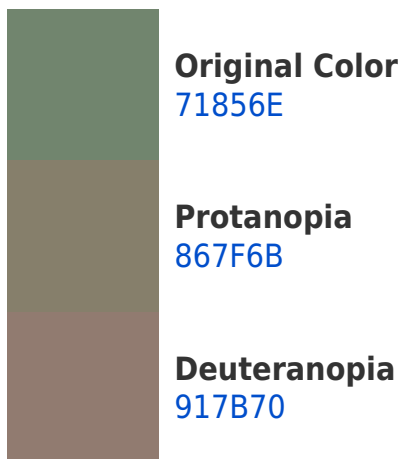


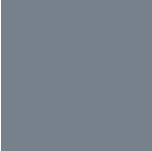
This preview shows how white text looks on a background with the Hex color 71856E.

# 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



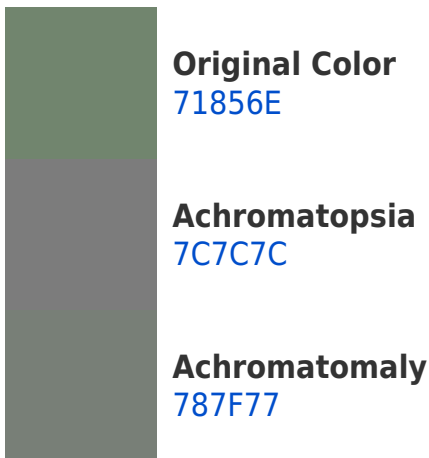


**Tritanopia**  
76818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71856E 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 #71856E looks like.

```
.text, #text, p{  
    color:#71856E  
}
```

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 #71856E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71856E
}
```

## Border

The CSS property to change the border of an element to Hex 71856E 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
#71856E }
```

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

```
.border{ border-color:#71856E }
```

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

Here you see how a box with a 4 pixel #71856E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71856E; -webkit-box-shadow:4px 4px  
4px 4px #71856E; box-shadow:4px 4px 4px  
4px #71856E }
```

# Background

The CSS property to change the background color of an element to Hex 71856E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71856E }
```

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

```
.background{ background-color:#71856E }
```

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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