

# Converting Colors

Hex(61836E)

Have a look what the booklet for  
Hex(61836E) contains.

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# Color

**Hex(61836E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61836E
RGB	97, 131, 110
RGB Percent	38%, 51%, 43%
CMY	0.6196, 0.4863, 0.5686
CMYK	0.26, 0.00, 0.16, 0.49
HSL	143°, 15%, 45%
HSV	143°, 26%, 51%
XYZ	15.8605, 19.8998, 17.7570
YIQ	118.4400, -13.5230, -13.7390

# Conversions

## Conversions Part 2

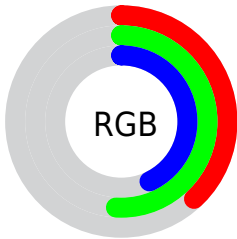
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 122, 131
Decimal	6390638
CIE <sub>Lab</sub>	51.72, -16.64, 7.50
CIE <sub>LCh</sub>	52, 18.250, 155.751
Yxy	19.8998, 0.2964, 0.3718
Android (android.graphics.Color)	4284580718 (0xFF61836E)
YUV	118.4400, -4.1609, -18.8029
Hunter-Lab	44.6092, -14.6014, 7.6257

# Details

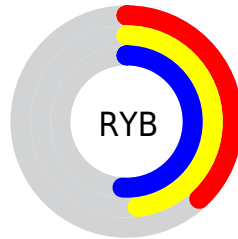
The Hex color **61836E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836176**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **94B8A2**, and **31513E** is the 20% darker color. If you saturate the color by 10%, you get **548366**, and if you desaturate by 10%, it is **6E8376**.

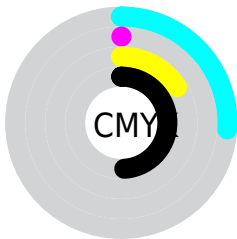
# Distribution



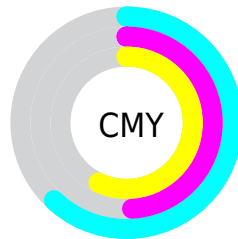
- Red (38%)
- Green (51%)
- Blue (43%)



- Red (38%)
- Yellow (48%)
- Blue (51%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61836E 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 61836E by changing the saturation by 10% instead.



61836E

61836E

FFFFFF

496A56

94B8A2

31513E

AFD4BD

1B3A29

CBF0D8

052414

E7FFF5

000C00

000000

61836E

61836E

548366

6E8376

47835E

7B837E

■ 3A8356

■ 888386

■ 2D834E

■ 95838E

■ 1F8346

■ A38396

■ 12833D

■ B0839F

■ 058335

■ BD83A7

■ 008332

■ CA83AF

■ D783B7

# Harmonies

## Analogous

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



738062



61836E



53847E

# Triad

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



61836E



6D7C9A



9A726A

# Complementary

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



61836E



836176

# 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.



9B7079



61836E



827695

# Square

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



61836E



598097



927288



92765F

# Rectangle

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



61836E



4F8488



927288



9B716E



# Sweetspot

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



61836E



9DABA2



778361



4E5751



D6D6D6



575757



# Same Dimension

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



61836E



76AB8A



61837E



3C423E



008232



000301



# Inverse Universe

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



836176



AB7697



836166



423C40



820050

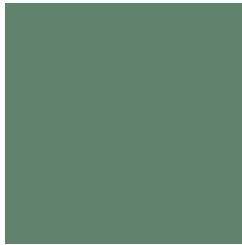


030002



# Previews

## White Background



This preview shows how the Hex color 61836E looks on a white background.

## Color Contrast Check

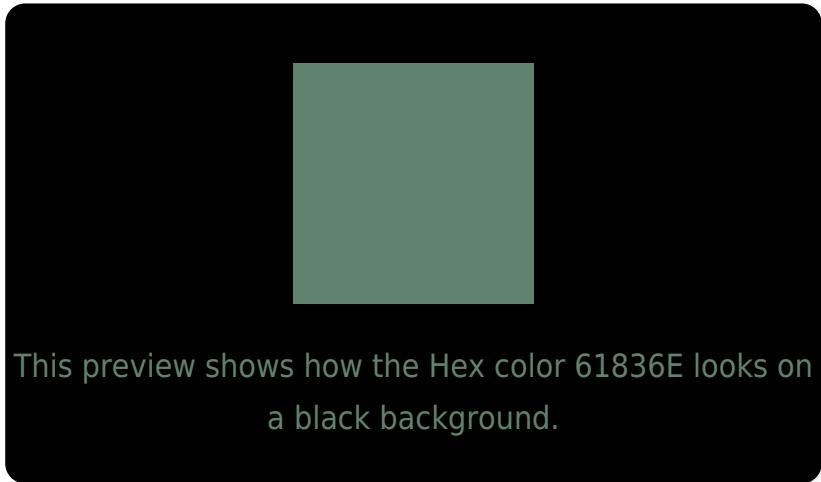
Large Text (above 18pt) WCAG AA ✓ Pass

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

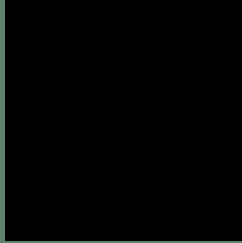
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 61836E Background



This preview shows how black text looks on a background with the Hex color 61836E.

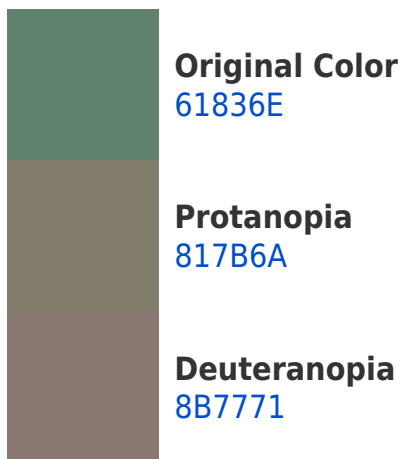


This preview shows how white text looks on a background with the Hex color 61836E.

# 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**  
667F89

# Trichromacy



**Original Color**  
61836E

**Protanomaly**  
757E6B

**Deuteranomaly**  
7C7B70

**Tritanomaly**  
64807F

# Monochromacy



**Original Color**  
61836E

**Achromatopsia**  
767676

**Achromatomaly**  
6E7B73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61836E 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 #61836E looks like.

```
.text, #text, p{  
    color:#61836E  
}
```

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 #61836E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61836E
}
```

## Border

The CSS property to change the border of an element to Hex 61836E is called "border". The border property can be set on classes, ids or directly on the HTML element.

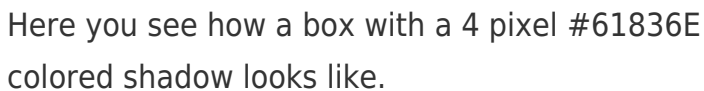
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61836E }
```

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

```
.border{ border-color:#61836E }
```

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



Here you see how a box with a 4 pixel #61836E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61836E; -webkit-box-shadow:4px 4px  
4px 4px #61836E; box-shadow:4px 4px 4px  
4px #61836E }
```

# Background

The CSS property to change the background color of an element to Hex 61836E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61836E }
```

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

```
.background{ background-color:#61836E }
```

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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