

# Converting Colors

Hex(64886E)

Have a look what the booklet for  
Hex(64886E) contains.

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# Color

**Hex(64886E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64886E
RGB	100, 136, 110
RGB Percent	39%, 53%, 43%
CMY	0.6078, 0.4667, 0.5686
CMYK	0.26, 0.00, 0.19, 0.47
HSL	137°, 15%, 46%
HSV	137°, 26%, 53%
XYZ	16.8742, 21.4434, 18.0015
YIQ	122.2720, -13.1100, -15.7180

# Conversions

## Conversions Part 2

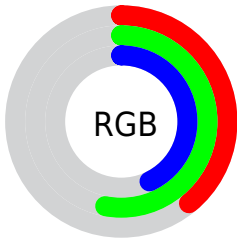
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 128, 136
Decimal	6588526
CIELab	53.43, -18.26, 9.94
CIElCh	53, 20.788, 151.433
Yxy	21.4434, 0.2996, 0.3807
Android (android.graphics.Color)	4284778606 (0xFF64886E)
YUV	122.2720, -6.0501, -19.5325
Hunter-Lab	46.3071, -15.9924, 9.3664

# Details

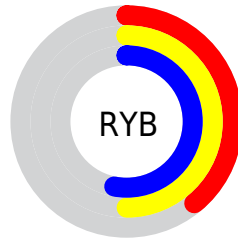
The Hex color **64886E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **88647E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **98BDA2**, and **34563E** is the 20% darker color. If you saturate the color by 10%, you get **568864**, and if you desaturate by 10%, it is **728878**.

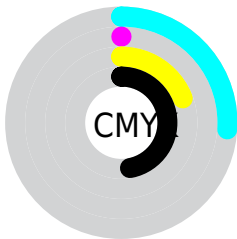
# Distribution



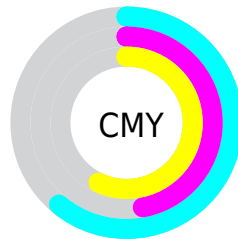
- Red (39%)
- Green (53%)
- Blue (43%)



- Red (39%)
- Yellow (50%)
- Blue (53%)



- Cyan (26%)
- Magenta (0%)
- Yellow (19%)
- Black (47%)



- Cyan (61%)
- Magenta (47%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64886E 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 64886E by changing the saturation by 10% instead.





64886E



64886E

FFFFFF



4C6F56



98BDA2



34563E



B3D9BD



1D3F28



CEF6D8



062814



EBFFF5



001400



000000



64886E



64886E



568864



728878



49885A



7F8882

■ 3B8851

■ 8D888B

■ 2E8847

■ 9A8895

■ 20883D

■ A8889F

■ 128833

■ B688A9

■ 058829

■ C388B3

■ 008826

■ D188BD

■ DE88C6

# Harmonies

## Analogous

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



798461



64886E



528A80

# Triad

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



64886E



6B81A3



A3746E

# Complementary

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



64886E



88647E

# 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.



A2737F



64886E



847B9E

# Square

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



64886E



54869F



977591



9B7961

# Rectangle

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



64886E



4B8A8C



977591



A47373



# Sweetspot

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



64886E



A2B0A6



7E8864



505953



D9D9D9



595959



# Same Dimension

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



64886E



78B087



648880



3E4540



008525



000501



# Inverse Universe

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



88647E



B078A0



88646C



453E43



850060



050004



# Previews

## White Background



This preview shows how the Hex color 64886E looks on a white background.

## Color Contrast Check

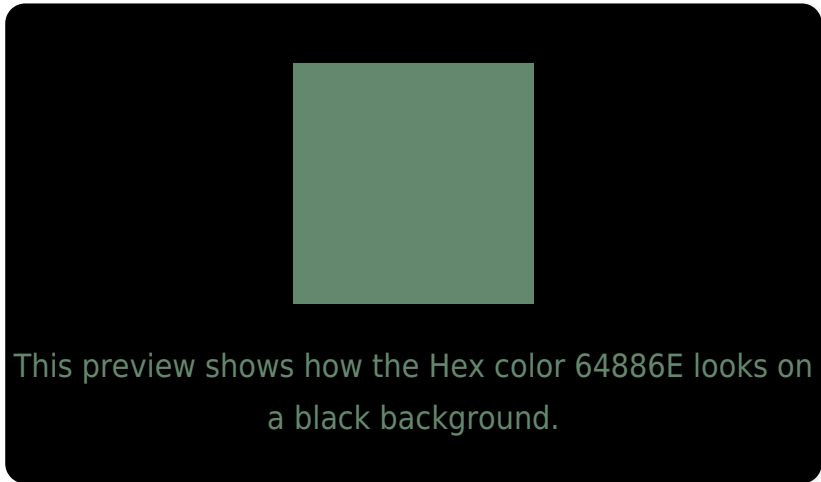
Large Text (above 18pt) WCAG AA ✓ Pass

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

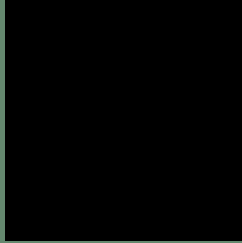
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 64886E Background



This preview shows how black text looks on a background with the Hex color 64886E.



This preview shows how white text looks on a background with the Hex color 64886E.

# 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**  
64886E

**Protanopia**  
867F6A

**Deuteranopia**  
917B71



**Tritanopia**  
6A848E

# Trichromacy



**Original Color**  
64886E

**Protanomaly**  
7A826B

**Deuteranomaly**  
818070

**Tritanomaly**  
688582

# Monochromacy



**Original Color**  
64886E

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
727F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64886E 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 #64886E looks like.

```
.text, #text, p{  
    color:#64886E  
}
```

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 #64886E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64886E
}
```

## Border

The CSS property to change the border of an element to Hex 64886E is called "border". The border property can be set on classes, ids or directly on the HTML element.

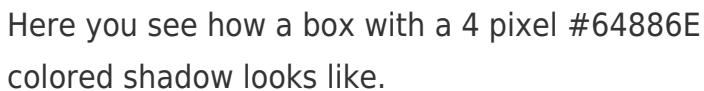
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64886E }
```

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

```
.border{ border-color:#64886E }
```

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



Here you see how a box with a 4 pixel #64886E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64886E; -webkit-box-shadow:4px 4px  
4px 4px #64886E; box-shadow:4px 4px 4px  
4px #64886E }
```

# Background

The CSS property to change the background color of an element to Hex 64886E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64886E }
```

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

```
.background{ background-color:#64886E }
```

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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