

Converting Colors

Hex(6D836E)

Have a look what the booklet for
Hex(6D836E) contains.

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Color

Hex(6D836E)

Conversions

Conversions Part 1

Format	Color
Hex	6D836E
RGB	109, 131, 110
RGB Percent	43%, 51%, 43%
CMY	0.5725, 0.4863, 0.5686
CMYK	0.17, 0.00, 0.16, 0.49
HSL	123°, 9%, 47%
HSV	123°, 17%, 51%
XYZ	17.2374, 20.6096, 17.8214
YIQ	122.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

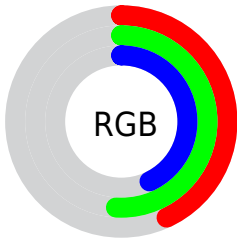
Format	Color
RYB	109, 130, 131
Decimal	7177070
CIELab	52.52, -12.32, 8.74
CIELCh	53, 15.106, 144.671
Yxy	20.6096, 0.3096, 0.3702
Android (android.graphics.Color)	4285367150 (0xFF6D836E)
YUV	122.0280, -5.9298, -11.4256
Hunter-Lab	45.3978, -11.6701, 8.5035

Details

The Hex color **6D836E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **836D82**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A1B8A2**, and **3D523E** is the 20% darker color. If you saturate the color by 10%, you get **608361**, and if you desaturate by 10%, it is **7A837B**.

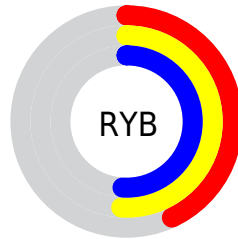
Distribution



Red (43%)

Green (51%)

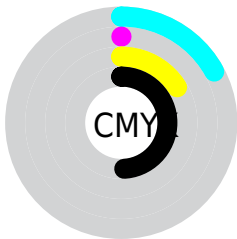
Blue (43%)



Red (43%)

Yellow (51%)

Blue (51%)

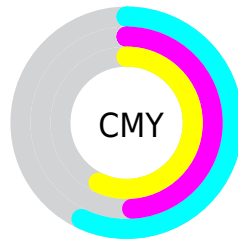


Cyan (17%)

Magenta (0%)

Yellow (16%)

Black (49%)



Cyan (57%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D836E 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 6D836E by changing the saturation by 10% instead.



6D836E



6D836E

FFFFFF



556A56



A1B8A2



3D523E



BCD4BD



273A28



D8F0D8



122514



F4FFF5



001000



000000



6D836E



6D836E



608361



7A837B



538355



878387

468348

948394

39833C

A183A0

2B832F

AE83AD

1E8323

BC83B9

118316

C983C6

04830A

D683D2

008306

E383DF

Harmonies

Analogous

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



7C8066



6D836E



60857A

Triad

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



6D836E



6C7F97



987573

Complementary

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



6D836E



836D82

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.



967480



6D836E



7D7B95

Square

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



6D836E



5E8392



8C778C



947869

Rectangle

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



6D836E



5B8583



8C778C



987477

Sweetspot

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



6D836E



A2ABA3



82836D



515752



D6D6D6



575757

Same Dimension

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



6D836E



89AB8A



6D8379



3C423C



008206



000300

Inverse Universe

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



836D82



AB89A9



836D77



423C42



82007C



030002

Previews

White Background



This preview shows how the Hex color 6D836E looks on a white background.

Color Contrast Check

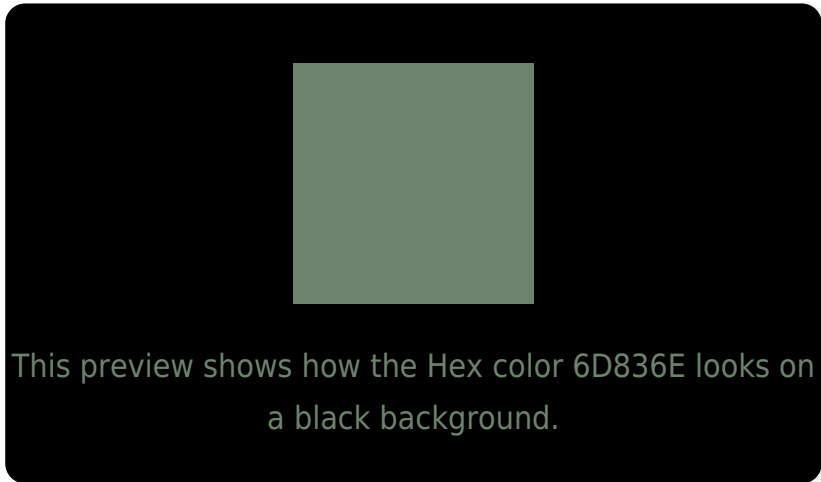
Large Text (above 18pt) WCAG AA ✓ Pass

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

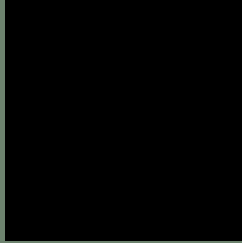
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

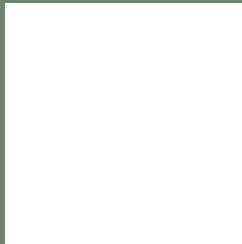
Any Text WCAG AAA × Fail

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

Hex 6D836E Background



This preview shows how black text looks on a background with the Hex color 6D836E.

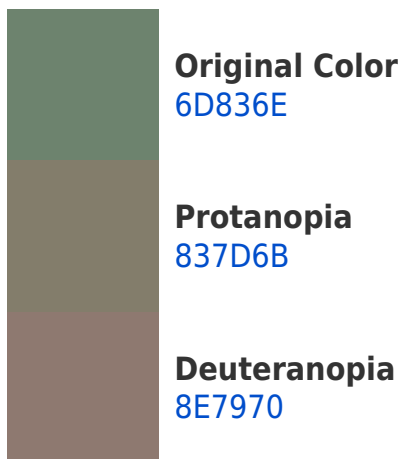


This preview shows how white text looks on a background with the Hex color 6D836E.

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
727F89

Trichromacy



Original Color
6D836E

Protanomaly
7B7F6C

Deuteranomaly
827D6F

Tritanomaly
70807F

Monochromacy



Original Color
6D836E

Achromatopsia
7A7A7A

Achromatomaly
757D76

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D836E 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 #6D836E looks like.

```
.text, #text, p{  
    color:#6D836E  
}
```

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 #6D836E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D836E
}
```

Border

The CSS property to change the border of an element to Hex 6D836E 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".

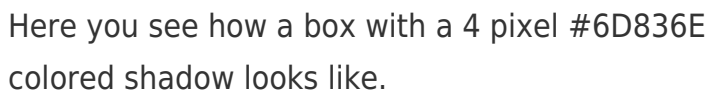
```
.border, #border, table{ border:4px solid
#6D836E }
```

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

```
.border{ border-color:#6D836E }
```

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

Here you see how a box with a 4 pixel #6D836E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D836E; -webkit-box-shadow:4px 4px  
4px 4px #6D836E; box-shadow:4px 4px 4px  
4px #6D836E }
```

Background

The CSS property to change the background color of an element to Hex 6D836E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D836E }
```

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

```
.background{ background-color:#6D836E }
```

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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