

# Converting Colors

Hex(6D826E)

Have a look what the booklet for  
Hex(6D826E) contains.

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# Color

Hex(6D826E)

# Conversions

## Conversions Part 1

Format	Color
Hex	6D826E
RGB	109, 130, 110
RGB Percent	43%, 51%, 43%
CMY	0.5725, 0.4902, 0.5686
CMYK	0.16, 0.00, 0.15, 0.49
HSL	123°, 9%, 47%
HSV	123°, 16%, 51%
XYZ	17.1038, 20.3423, 17.7768
YIQ	121.4410, -6.0960, -10.6720

# Conversions

## Conversions Part 2

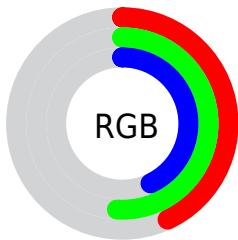
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 129, 130
Decimal	7176814
CIE <sub>Lab</sub>	52.22, -11.78, 8.31
CIE <sub>LCh</sub>	52, 14.414, 144.777
Yxy	20.3423, 0.3097, 0.3684
Android (android.graphics.Color)	4285366894 (0xFF6D826E)
YUV	121.4410, -5.6404, -10.9108
Hunter-Lab	45.1024, -11.2382, 8.2029

# Details

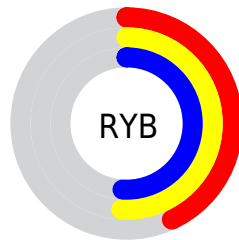
The Hex color **6D826E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **826D81**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A1B7A2**, and **3D513E** is the 20% darker color. If you saturate the color by 10%, you get **608262**, and if you desaturate by 10%, it is **7A827A**.

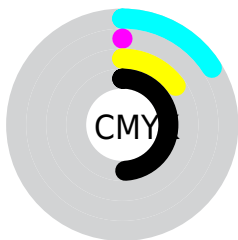
# Distribution



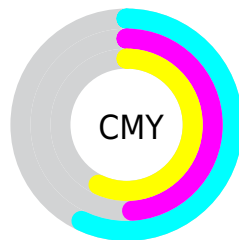
- Red (43%)
- Green (51%)
- Blue (43%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D826E 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 6D826E by changing the saturation by 10% instead.





6D826E



6D826E

FFFFFF



556956



A1B7A2



3D513E



BCD3BD



273A28



D8EFD8



122414



F4FFF5



000F00



000000



6D826E



6D826E



608262



7A827A



538255



878287

 468249

 948293

 39823C

 A182A0

 2C8230

 AE82AC

 1F8224

 BB82B8

 128217

 C882C5

 05820B

 D582D1

 008206

 E282DD

# Harmonies

## Analogous

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



7B7F66



6D826E



61847A

# Triad

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



6D826E



6C7E95



967473

# Complementary

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



6D826E



826D81

# 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.



94747F



6D826E



7C7A93

# Square

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



6D826E



5F8290



8B768B



927769

# Rectangle

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



6D826E



5C8482



8B768B



967477



# Sweetspot

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



6D826E



A0A8A0



81826D



4F544F



D4D4D4



545454



# Same Dimension

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



6D826E



88A88A



6D8278



39403A



008006



000000



# Inverse Universe

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



826D81



A888A7



826D77



40393F



800079



000000



# Previews

## White Background



This preview shows how the Hex color 6D826E looks on a white background.

## Color Contrast Check

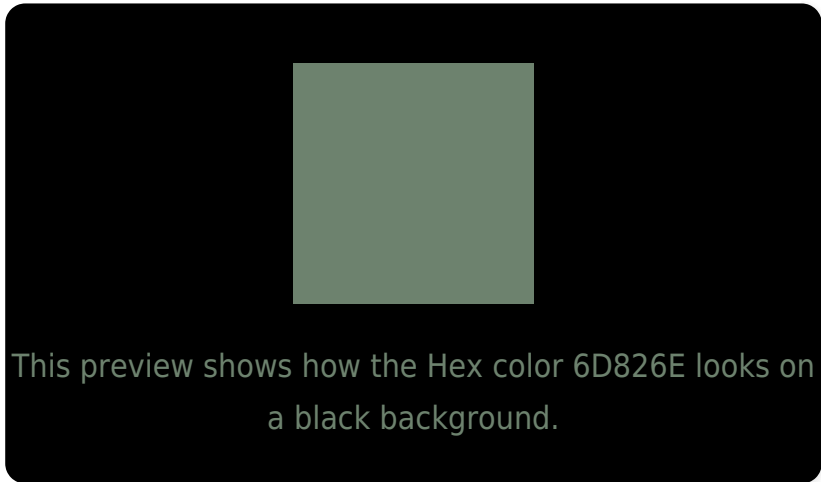
Large Text (above 18pt) WCAG AA ✓ Pass

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

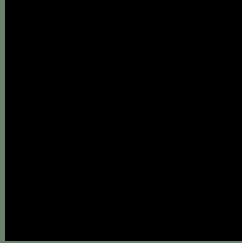
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D826E Background



This preview shows how black text looks on a background with the Hex color 6D826E.

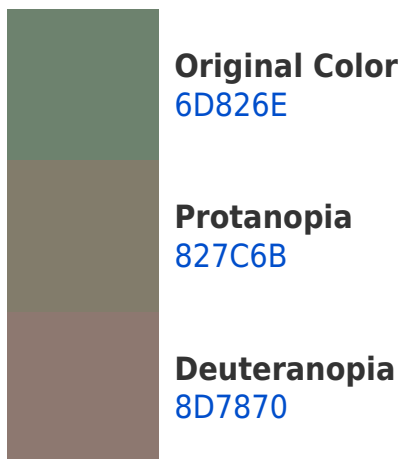


This preview shows how white text looks on a background with the Hex color 6D826E.

# 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**  
717E88

# Trichromacy



**Original Color**  
6D826E

**Protanomaly**  
7A7E6C

**Deuteranomaly**  
817C6F

**Tritanomaly**  
707F7F

# Monochromacy



**Original Color**  
6D826E

**Achromatopsia**  
797979

**Achromatomaly**  
757C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D826E 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 #6D826E looks like.

```
.text, #text, p{  
    color:#6D826E  
}
```

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 #6D826E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D826E
}
```

## Border

The CSS property to change the border of an element to Hex 6D826E 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
#6D826E }
```

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

```
.border{ border-color:#6D826E }
```

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

Here you see how a box with a 4 pixel #6D826E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D826E; -webkit-box-shadow:4px 4px  
4px 4px #6D826E; box-shadow:4px 4px 4px  
4px #6D826E }
```

# Background

The CSS property to change the background color of an element to Hex 6D826E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D826E }
```

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

```
.background{ background-color:#6D826E }
```

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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