

Converting Colors

Hex(61706E)

Have a look what the booklet for
Hex(61706E) contains.

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Color

Hex(61706E)

Conversions

Conversions Part 1

Format	Color
Hex	61706E
RGB	97, 112, 110
RGB Percent	38%, 44%, 43%
CMY	0.6196, 0.5608, 0.5686
CMYK	0.13, 0.00, 0.02, 0.56
HSL	172°, 7%, 41%
HSV	172°, 13%, 44%
XYZ	13.5384, 15.2555, 16.9829
YIQ	107.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

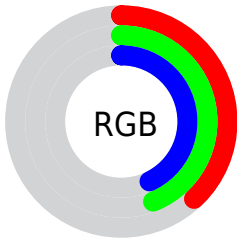
Format	Color
R_{YB}	97, 105, 112
Decimal	6385774
CIE _{Lab}	45.98, -6.04, -0.79
CIE _{LCh}	46, 6.093, 187.473
Yxy	15.2555, 0.2957, 0.3333
Android (android.graphics.Color)	4284575854 (0xFF61706E)
YUV	107.2870, 1.3375, -9.0217
Hunter-Lab	39.0583, -6.4803, 1.5610

Details

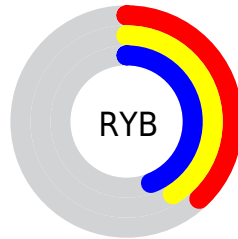
The Hex color **61706E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706163**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **94A4A2**, and **32403F** is the 20% darker color. If you saturate the color by 10%, you get **56706D**, and if you desaturate by 10%, it is **6C706F**.

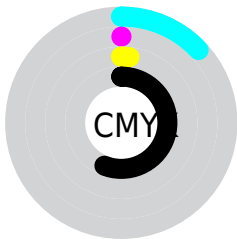
Distribution



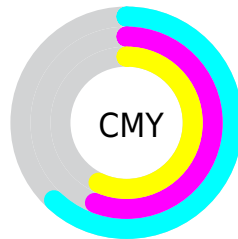
- Red (38%)
- Green (44%)
- Blue (43%)



- Red (38%)
- Yellow (41%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61706E 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 61706E by changing the saturation by 10% instead.



61706E



61706E

FFFFFF



495856



94A4A2



32403F



AEBFBD



1D2A29



CADBD8



051614



E6F7F5



000000



61706E



61706E



56706D



6C706F



4B706B



777071



3F706A



837072

■ 347068

■ 8E7074

■ 297067

■ 997075

■ 1E7065

■ A47077

■ 137064

■ AF7078

■ 077062

■ BB707A

■ 007061

■ C6707B

Harmonies

Analogous

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



657069



61706E



617073

Triad

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



61706E



706B75



756B64

Complementary

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



61706E



706163

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.



786A67



61706E



756A71

Square

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



61706E



696D77



78696C



706D63

Rectangle

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



61706E



626F75



78696C



766B64

Sweetspot

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



61706E



8C9191



637061



464A49



C9C9C9



4A4A4A

Same Dimension

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



61706E



7A918E



616A70



323837



007868



00F7D6

Inverse Universe

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



706163



917A7D



706661



383233



780010



F70021

Previews

White Background



This preview shows how the Hex color 61706E looks on a white background.

Color Contrast Check

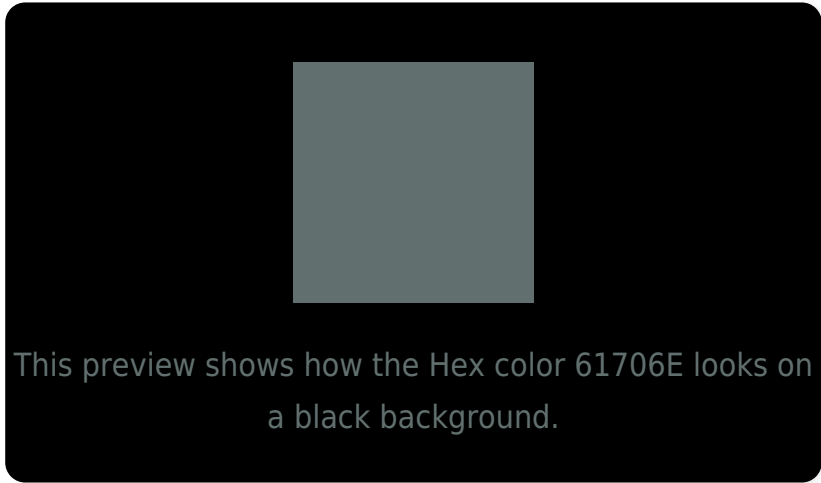
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

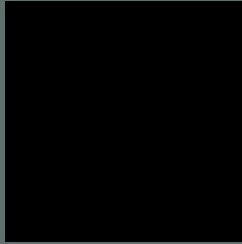
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

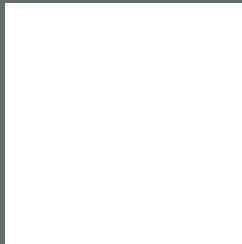
Any Text WCAG AAA × Fail

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

Hex 61706E Background



This preview shows how black text looks on a background with the Hex color 61706E.



This preview shows how white text looks on a background with the Hex color 61706E.

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
61706E

Protanopia
6F6C6C

Deuteranopia
76696F



Tritanopia
636F77

Trichromacy



Original Color
61706E

Protanomaly
6A6D6D

Deuteranomaly
6E6C6F

Tritanomaly
626F74

Monochromacy



Original Color
61706E

Achromatopsia
6B6B6B

Achromatomaly
676D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 61706E 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 #61706E looks like.

```
.text, #text, p{  
    color:#61706E  
}
```

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 #61706E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61706E
}
```

Border

The CSS property to change the border of an element to Hex 61706E is called "border". The border property can be set on classes, ids or directly on the HTML element.

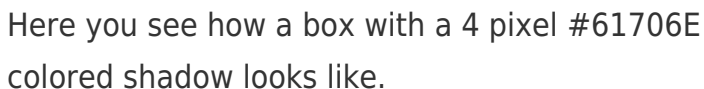
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61706E }
```

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

```
.border{ border-color:#61706E }
```

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



Here you see how a box with a 4 pixel #61706E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61706E; -webkit-box-shadow:4px 4px  
4px 4px #61706E; box-shadow:4px 4px 4px  
4px #61706E }
```

Background

The CSS property to change the background color of an element to Hex 61706E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61706E }
```

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

```
.background{ background-color:#61706E }
```

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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