

Converting Colors

Hex(63697E)

Have a look what the booklet for
Hex(63697E) contains.

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Color

Hex(63697E)

Conversions

Conversions Part 1

Format	Color
Hex	63697E
RGB	99, 105, 126
RGB Percent	39%, 41%, 49%
CMY	0.6118, 0.5882, 0.5059
CMYK	0.21, 0.17, 0.00, 0.51
HSL	227°, 12%, 44%
HSV	227°, 21%, 49%
XYZ	13.9631, 14.2622, 21.7556
YIQ	105.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

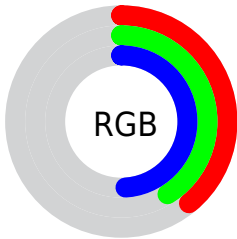
Format	Color
R_{YB}	99, 104, 126
Decimal	6515070
CIE Lab	44.61, 2.59, -12.43
CIE LCh	45, 12.696, 281.774
Yxy	14.2622, 0.2794, 0.2854
Android (android.graphics.Color)	4284705150 (0xFF63697E)
YUV	105.6000, 10.0572, -5.7882
Hunter-Lab	37.7653, -0.0919, -7.7198

Details

The Hex color **63697E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E7863**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **969CB3**, and **343A4D** is the 20% darker color. If you saturate the color by 10%, you get **565F7E**, and if you desaturate by 10%, it is **70737E**.

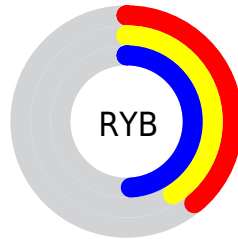
Distribution



Red (39%)

Green (41%)

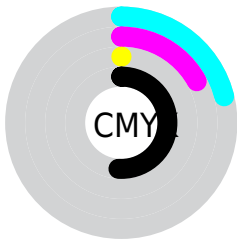
Blue (49%)



Red (39%)

Yellow (41%)

Blue (49%)

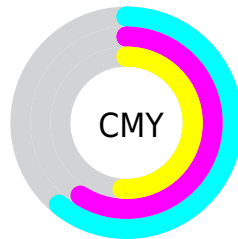


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63697E 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 63697E by changing the saturation by 10% instead.



63697E



63697E

FFFFFF



4B5165



969CB3



343A4D



B1B7CE



1E2536



CCD3EA



080F21



E9EFFF



000008



000000



63697E



63697E



565F7E



70737E



4A557E



7C7D7E

■ 3D4C7E

■ 89867E

■ 31427E

■ 95907E

■ 24387E

■ A29A7E

■ 172E7E

■ AFA47E

■ 0B247E

■ BBAE7E

■ 001C7E

■ C8B77E

■ D4C17E

Harmonies

Analogous

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



566C7D



63697E



716579

Triad

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



63697E



7E645C



566F63

Complementary

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



63697E



7E7863

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.



616D5A



63697E



786756

Square

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



63697E



7F6266



6D6A55



4E706D

Rectangle

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



63697E



786474



6D6A55



5A6F5F

Sweetspot

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



63697E



999CA3



637E78



4C4D52



D1D1D1



525252

Same Dimension

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



63697E



7982A3



6A637E



393B40



001C80



000000

Inverse Universe

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



7E6369



A37982



777E63



40393B



80001C



000000

Previews

White Background



This preview shows how the Hex color 63697E looks on a white background.

Color Contrast Check

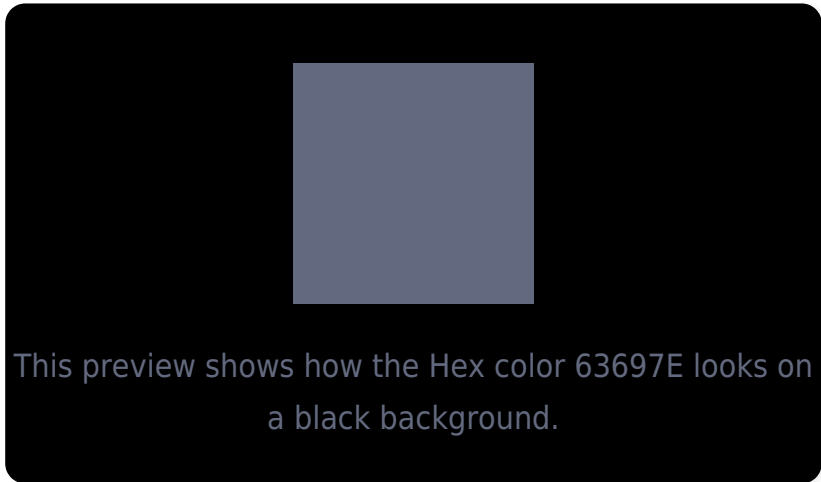
Large Text (above 18pt) WCAG AA ✓ Pass

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

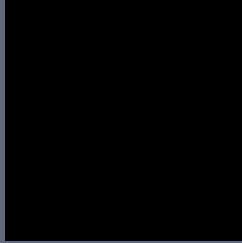
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

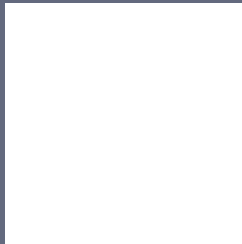
Any Text WCAG AAA × Fail

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

Hex 63697E Background



This preview shows how black text looks on a background with the Hex color 63697E.

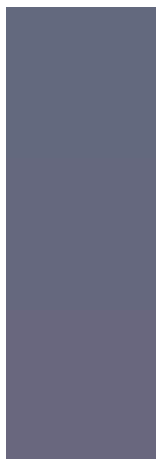


This preview shows how white text looks on a background with the Hex color 63697E.

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
63697E

Protanopia
65687E

Deuteranopia
69677E



Tritanopia
616B73

Trichromacy



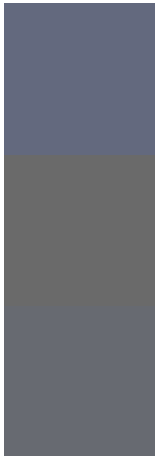
Original Color
63697E

Protanomaly
64687E

Deuteranomaly
67687E

Tritanomaly
626A77

Monochromacy



Original Color
63697E

Achromatopsia
6A6A6A

Achromatomaly
676A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 63697E 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 #63697E looks like.

```
.text, #text, p{  
    color:#63697E  
}
```

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 #63697E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63697E
}
```

Border

The CSS property to change the border of an element to Hex 63697E is called "border". The border property can be set on classes, ids or directly on the HTML element.

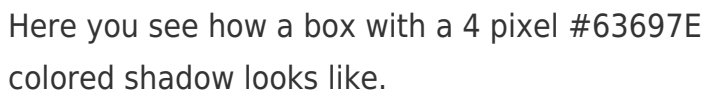
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63697E }
```

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

```
.border{ border-color:#63697E }
```

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



Here you see how a box with a 4 pixel #63697E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63697E; -webkit-box-shadow:4px 4px  
4px 4px #63697E; box-shadow:4px 4px 4px  
4px #63697E }
```

Background

The CSS property to change the background color of an element to Hex 63697E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63697E }
```

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

```
.background{ background-color:#63697E }
```

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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