

# Converting Colors

Hex(696770)

Have a look what the booklet for  
Hex(696770) contains.

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# Color

**Hex(696770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	696770
RGB	105, 103, 112
RGB Percent	41%, 40%, 44%
CMY	0.5882, 0.5961, 0.5608
CMYK	0.06, 0.08, 0.00, 0.56
HSL	253°, 4%, 42%
HSV	253°, 8%, 44%
XYZ	13.6006, 13.8736, 17.2903
YIQ	104.6240, -1.6970, 3.2230

# Conversions

## Conversions Part 2

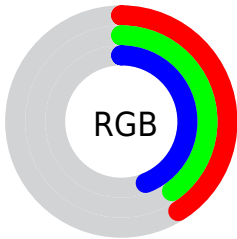
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 103, 112
Decimal	6907760
CIE Lab	44.05, 2.68, -4.77
CIE LCh	44, 5.470, 299.359
Yxy	13.8736, 0.3038, 0.3099
Android (android.graphics.Color)	4285097840 (0xFF696770)
YUV	104.6240, 3.6364, 0.3298
Hunter-Lab	37.2473, -0.0048, -1.4495

# Details

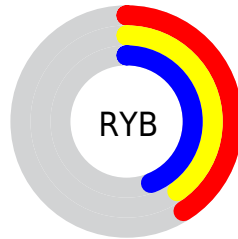
The Hex color **696770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E7067**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9C9AA4**, and **3A3840** is the 20% darker color. If you saturate the color by 10%, you get **605C70**, and if you desaturate by 10%, it is **727270**.

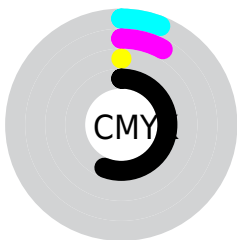
# Distribution



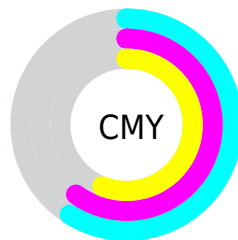
- Red (41%)
- Green (40%)
- Blue (44%)



- Red (41%)
- Yellow (40%)
- Blue (44%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (60%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696770 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 696770 by changing the saturation by 10% instead.



■ 696770

■ 696770

FFFFFF

■ 514F58

■ 9C9AA4

■ 3A3840

■ B7B5BF

■ 24232A

■ D3D0DB

■ 0F0D16

■ EFEDF7

■ 000000

■ 696770

■ 696770

■ 605C70

■ 727270

■ 585170

■ 7A7D70

■ 4F4570

■ 838970

■ 463A70

■ 8C9470

■ 3D2F70

■ 959F70

■ 352470

■ 9DAA70

■ 2C1970

■ A6B570

■ 230D70

■ AFC170

■ 1B0270

■ B7CC70

# Harmonies

## Analogous

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



636971



696770



6E666D

# Triad

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



696770



706660



5E6B68

# Complementary

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



696770



6E7067

# 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.



626A63



696770



6C685F

# Square

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



696770



726564



676960



5D6B6C

# Rectangle

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



696770



71656A



676960



5F6B66



# Sweetspot

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



696770



8F8E91



676E70



49484A



C9C9C9



4A4A4A



# Same Dimension

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



696770



868391



6D6770



343238



1B0078



3700F7



# Inverse Universe

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



70676E



91838E



6A7067



383237



78005D



F700C0



# Previews

## White Background



This preview shows how the Hex color 696770 looks on a white background.

## Color Contrast Check

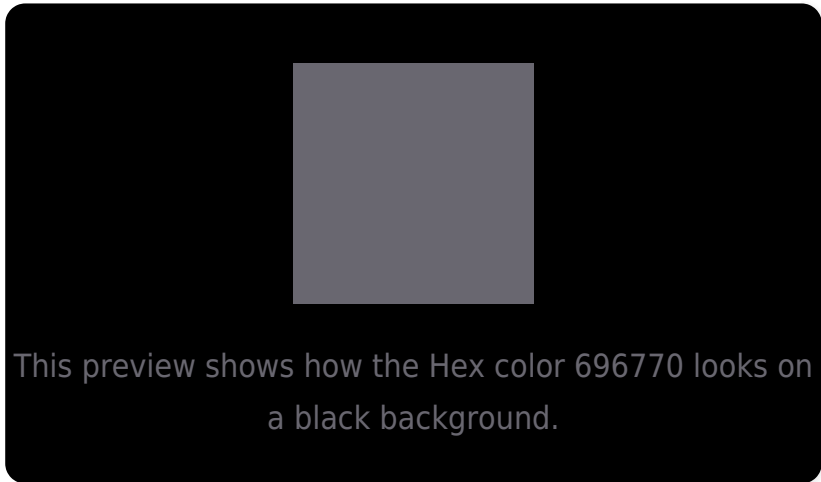
Large Text (above 18pt) WCAG AA ✓ Pass

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

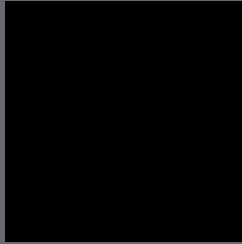
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 696770 Background



This preview shows how black text looks on a background with the Hex color 696770.



This preview shows how white text looks on a background with the Hex color 696770.

# 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**  
696770

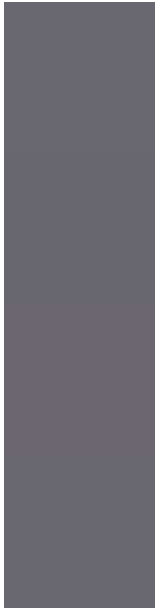
**Protanopia**  
686770

**Deuteranopia**  
6E6570



**Tritanopia**  
69676F

# Trichromacy



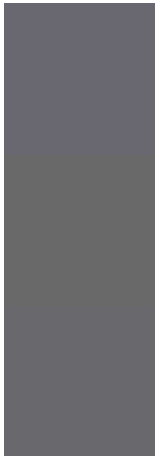
**Original Color**  
696770

**Protanomaly**  
686770

**Deuteranomaly**  
6C6670

**Tritanomaly**  
69676F

# Monochromacy



**Original Color**  
696770

**Achromatopsia**  
696969

**Achromatomaly**  
69686C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696770 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 #696770 looks like.

```
.text, #text, p{  
    color:#696770  
}
```

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 #696770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696770
}
```

## Border

The CSS property to change the border of an element to Hex 696770 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
#696770 }
```

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

```
.border{ border-color:#696770 }
```

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

Here you see how a box with a 4 pixel #696770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696770; -webkit-box-shadow:4px 4px  
4px 4px #696770; box-shadow:4px 4px 4px  
4px #696770 }
```

# Background

The CSS property to change the background color of an element to Hex 696770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696770 }
```

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

```
.background{ background-color:#696770 }
```

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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