

# Converting Colors

Hex(706270)

Have a look what the booklet for  
Hex(706270) contains.

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# Color

**Hex(706270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706270
RGB	112, 98, 112
RGB Percent	44%, 38%, 44%
CMY	0.5608, 0.6157, 0.5608
CMYK	0.00, 0.13, 0.00, 0.56
HSL	300°, 7%, 41%
HSV	300°, 12%, 44%
XYZ	13.9744, 13.3500, 17.1695
YIQ	103.7820, 3.8500, 7.3220

# Conversions

## Conversions Part 2

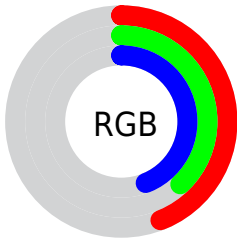
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 98, 112
Decimal	7365232
CIE Lab	43.29, 8.35, -5.83
CIE LCh	43, 10.190, 325.074
Yxy	13.3500, 0.3141, 0.3000
Android (android.graphics.Color)	4285555312 (0xFF706270)
YUV	103.7820, 4.0515, 7.2072
Hunter-Lab	36.5376, 4.3295, -2.2848

# Details

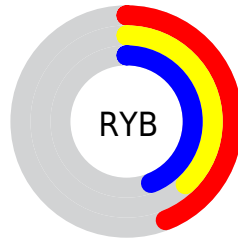
The Hex color **706270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **627062**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A495A4**, and **403440** is the 20% darker color. If you saturate the color by 10%, you get **705770**, and if you desaturate by 10%, it is **706D70**.

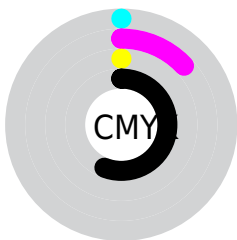
# Distribution



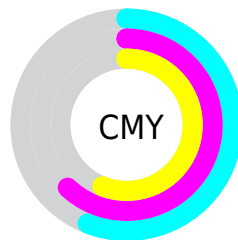
- Red (44%)
- Green (38%)
- Blue (44%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 706270 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 706270 by changing the saturation by 10% instead.



 706270

 706270

FFFFFF

 584A58

 A495A4

 403440

 BFAFBF

 2A1E2A

 DBCBDB

 160616

 F7E7F7

 000000

 706270

 706270

 705770

 706D70

 704C70

 707870

 704070

 708470

703570

708F70

702A70

709A70

701F70

70A570

701470

70B070

700870

70BC70

700070

70C770

# Harmonies

## Analogous

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



666575



706270



766168

# Triad

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



706270



6E6556



506B6D

# Complementary

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



706270



627062

# 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.



546B64



706270



656857

# Square

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



706270



756359



5C6A5C



536A74

# Rectangle

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



706270



786162



5C6A5C



516B6A



# Sweetspot

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



706270



918C91



626270



4A464A



C9C9C9



4A4A4A



# Same Dimension

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



706270



917C91



706269



383238



780078



F700F7



# Inverse Universe

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



706270



917C91



627069



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 706270 looks on a white background.

## Color Contrast Check

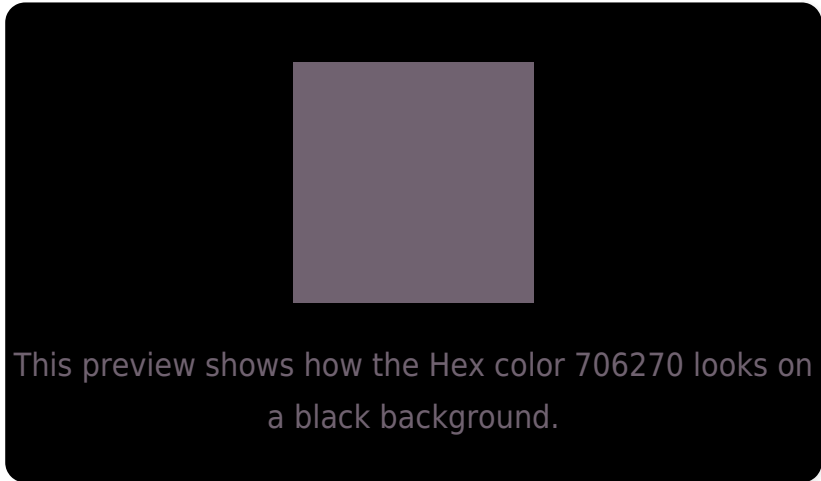
Large Text (above 18pt) WCAG AA ✓ Pass

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

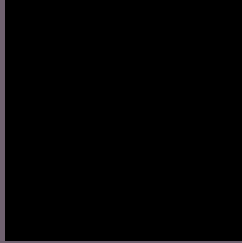
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 706270 Background



This preview shows how black text looks on a background with the Hex color 706270.



This preview shows how white text looks on a background with the Hex color 706270.

# 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**  
706270

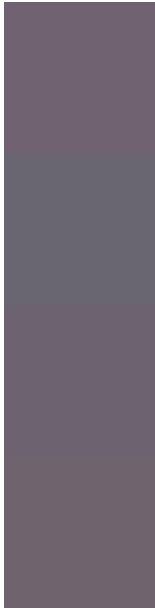
**Protanopia**  
656672

**Deuteranopia**  
6C6370



**Tritanopia**  
6F636B

# Trichromacy



**Original Color**  
706270

**Protanomaly**  
696571

**Deuteranomaly**  
6D6370

**Tritanomaly**  
6F636D

# Monochromacy



**Original Color**  
706270

**Achromatopsia**  
686868

**Achromatomaly**  
6B666B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706270 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 #706270 looks like.

```
.text, #text, p{  
    color:#706270  
}
```

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 #706270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706270
}
```

## Border

The CSS property to change the border of an element to Hex 706270 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
#706270 }
```

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

```
.border{ border-color:#706270 }
```

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

Here you see how a box with a 4 pixel #706270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706270; -webkit-box-shadow:4px 4px  
4px 4px #706270; box-shadow:4px 4px 4px  
4px #706270 }
```

# Background

The CSS property to change the background color of an element to Hex 706270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706270 }
```

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

```
.background{ background-color:#706270 }
```

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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