

# Converting Colors

Hex(706E92)

Have a look what the booklet for  
Hex(706E92) contains.

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# Color

**Hex(706E92)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706E92
RGB	112, 110, 146
RGB Percent	44%, 43%, 57%
CMY	0.5608, 0.5686, 0.4275
CMYK	0.23, 0.25, 0.00, 0.43
HSL	243°, 14%, 50%
HSV	243°, 25%, 57%
XYZ	17.4463, 16.6719, 29.4926
YIQ	114.7020, -10.3640, 11.6200

# Conversions

## Conversions Part 2

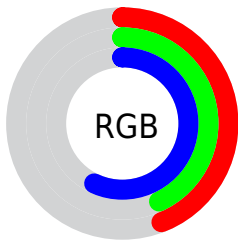
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	112, 110, 146
Decimal	7368338
CIE Lab	47.84, 8.97, -19.33
CIE LCh	48, 21.307, 294.890
Yxy	16.6719, 0.2743, 0.2621
Android (android.graphics.Color)	4285558418 (0xFF706E92)
YUV	114.7020, 15.4299, -2.3697
Hunter-Lab	40.8313, 4.8145, -14.2435

# Details

The Hex color **706E92** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **90926E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **A4A2C8**, and **3F3F5F** is the 20% darker color. If you saturate the color by 10%, you get **625F92**, and if you desaturate by 10%, it is **7E7D92**.

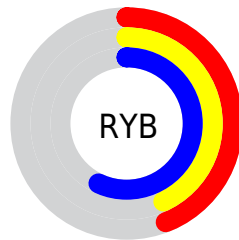
# Distribution



Red (44%)

Green (43%)

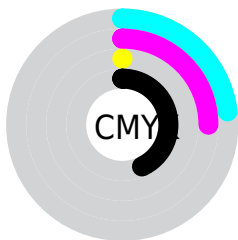
Blue (57%)



Red (44%)

Yellow (43%)

Blue (57%)

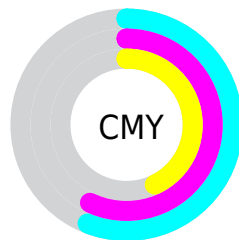


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (57%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706E92 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 706E92 by changing the saturation by 10% instead.



■ 706E92

■ 706E92

FFFFFF

■ 575678

■ A4A2C8

■ 3F3F5F

■ C0BDE4

■ 282948

■ DCD8FF

■ 121531

■ F8F5FF

■ 00011C

■ 000000

■ 706E92

■ 706E92

■ 625F92

■ 7E7D92

■ 545192

■ 8C8B92

474292

999A92

393492

A7A892

2B2592

B5B792

1D1692

C3C692

0F0892

D1D492

080092

DEE392

ECF192

# Harmonies

## Analogous

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



567495



706E92



866886

# Triad

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



706E92



8F6955



467B6E

# Complementary

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



706E92



90926E

# 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.



5A795C



706E92



816F4E

# Square

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



706E92



966563



6F7551



3A7B80

# Rectangle

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



706E92



8F657B



6F7551



4C7B68



# Sweetspot

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



706E92



B0AFBD



6E9092



57575E



DEDEDE



5E5E5E



# Same Dimension

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



706E92



8784BD



826E92



43434A



08008A



01000A



# Inverse Universe

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



926E90



BD84BA



7E926E



4A434A



8A0082



0A000A



# Previews

## White Background



This preview shows how the Hex color 706E92 looks on a white background.

## Color Contrast Check

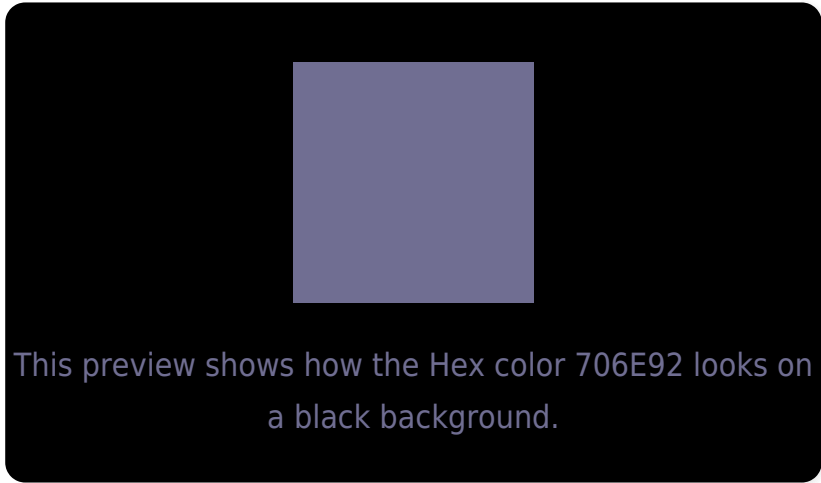
Large Text (above 18pt) WCAG AA ✓ Pass

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 706E92 Background



This preview shows how black text looks on a background with the Hex color 706E92.



This preview shows how white text looks on a background with the Hex color 706E92.

# 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**  
706E92

**Protanopia**  
687094

**Deuteranopia**  
6B6F92



**Tritanopia**  
6C727B

# Trichromacy



**Original Color**

706E92

**Protanomaly**

6B6F93

**Deuteranomaly**

6D6F92

**Tritanomaly**

6D7183

# Monochromacy



**Original Color**

706E92

**Achromatopsia**

737373

**Achromatomaly**

72717E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706E92 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 #706E92 looks like.

```
.text, #text, p{  
    color:#706E92  
}
```

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 #706E92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706E92
}
```

## Border

The CSS property to change the border of an element to Hex 706E92 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
#706E92 }
```

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

```
.border{ border-color:#706E92 }
```

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

Here you see how a box with a 4 pixel #706E92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706E92; -webkit-box-shadow:4px 4px  
4px 4px #706E92; box-shadow:4px 4px 4px  
4px #706E92 }
```

# Background

The CSS property to change the background color of an element to Hex 706E92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706E92 }
```

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

```
.background{ background-color:#706E92 }
```

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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