

Converting Colors

Hex(706790)

Have a look what the booklet for
Hex(706790) contains.

Hex(706790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(706790)

Conversions

Conversions Part 1

Format	Color
Hex	706790
RGB	112, 103, 144
RGB Percent	44%, 40%, 56%
CMY	0.5608, 0.5961, 0.4353
CMYK	0.22, 0.28, 0.00, 0.44
HSL	253°, 17%, 48%
HSV	253°, 28%, 56%
XYZ	16.5664, 15.1589, 28.4384
YIQ	110.3650, -7.7970, 14.6590

Conversions

Conversions Part 2

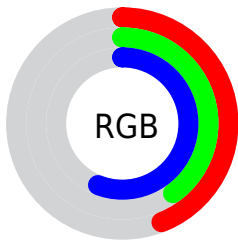
Format	Color
R_{YB}	112, 103, 144
Decimal	7366544
CIE _{Lab}	45.85, 12.70, -21.20
CIE _{LCh}	46, 24.715, 300.915
Yxy	15.1589, 0.2754, 0.2520
Android (android.graphics.Color)	4285556624 (0xFF706790)
YUV	110.3650, 16.5821, 1.4339
Hunter-Lab	38.9344, 7.8157, -16.0524

Details

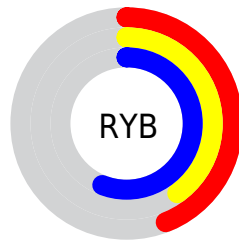
The Hex color **706790** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **879067**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **A49AC6**, and **3F385D** is the 20% darker color. If you saturate the color by 10%, you get **655990**, and if you desaturate by 10%, it is **7B7590**.

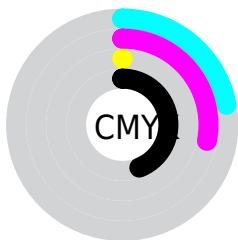
Distribution



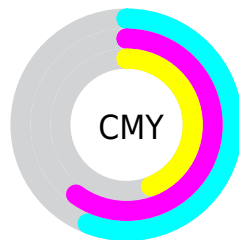
- Red (44%)
- Green (40%)
- Blue (56%)



- Red (44%)
- Yellow (40%)
- Blue (56%)



- Cyan (22%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706790 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 706790 by changing the saturation by 10% instead.

706790

706790

FFFFFF

574F76

A49AC6

3F385D

C0B5E2

282346

DCD0FF

130E2F

F8EDFF

00011A

000000

706790

706790

655990

7B7590

5A4A90

868490

■ 4E3C90

■ 929290

■ 432D90

■ 9DA190

■ 381F90

■ A8AF90

■ 2D1190

■ B3BD90

■ 210290

■ BFCC90

■ 200090

■ CADA90

■ D5E990

Harmonies

Analogous

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



516E96



706790



876081

Triad

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



706790



8B6449



33786D

Complementary

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



706790



879067

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.



4C7658



706790



7A6B43

Square

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



706790



945F58



647249



227781

Rectangle

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



706790



915D74



647249



3B7765

Sweetspot

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



706790



ADA9BA



678790



56545E



DEDEDE



5E5E5E

Same Dimension

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



706790



897BBA



846790



424047



1E0087



020008

Inverse Universe

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



906787



BA7BAC



739067



474046



870069



080006

Previews

White Background



This preview shows how the Hex color 706790 looks on a white background.

Color Contrast Check

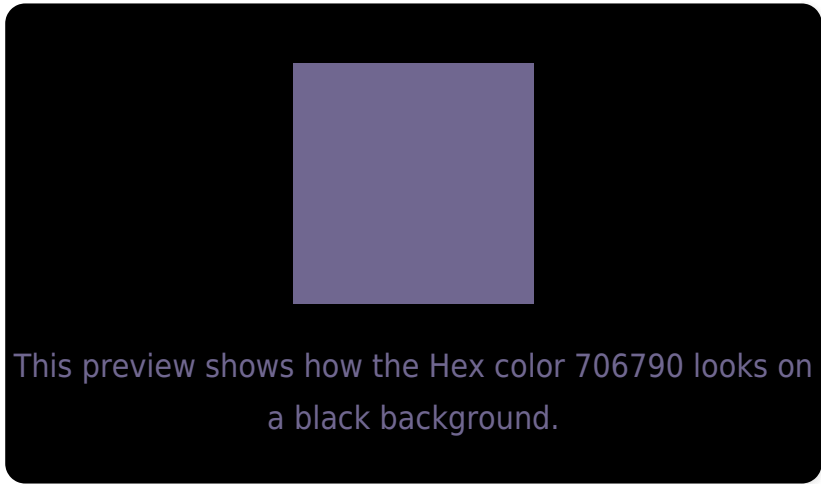
Large Text (above 18pt) WCAG AA ✓ Pass

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

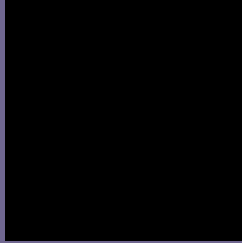
Any Text WCAG AA × Fail

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 706790 Background



This preview shows how black text looks on a background with the Hex color 706790.



This preview shows how white text looks on a background with the Hex color 706790.

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
706790

Protanopia
616B93

Deuteranopia
646B8F



Tritanopia
6B6C75

Trichromacy



Original Color
706790

Protanomaly
666A92

Deuteranomaly
686A8F

Tritanomaly
6D6A7F

Monochromacy



Original Color
706790

Achromatopsia
6E6E6E

Achromatomaly
6F6B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 706790 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 #706790 looks like.

```
.text, #text, p{  
    color:#706790  
}
```

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 #706790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706790
}
```

Border

The CSS property to change the border of an element to Hex 706790 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
#706790 }
```

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

```
.border{ border-color:#706790 }
```

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

Here you see how a box with a 4 pixel #706790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706790; -webkit-box-shadow:4px 4px  
4px 4px #706790; box-shadow:4px 4px 4px  
4px #706790 }
```

Background

The CSS property to change the background color of an element to Hex 706790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706790 }
```

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

```
.background{ background-color:#706790 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor