

Converting Colors

Hex(766390)

Have a look what the booklet for
Hex(766390) contains.

Hex(766390)	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(766390)

Conversions

Conversions Part 1

Format	Color
Hex	766390
RGB	118, 99, 144
RGB Percent	46%, 39%, 56%
CMY	0.5373, 0.6118, 0.4353
CMYK	0.18, 0.31, 0.00, 0.44
HSL	265°, 19%, 48%
HSV	265°, 31%, 56%
XYZ	16.9671, 14.7888, 28.3458
YIQ	109.8110, -3.1210, 18.0230

Conversions

Conversions Part 2

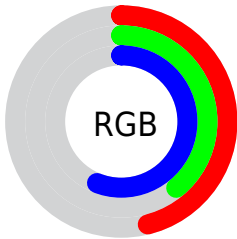
Format	Color
R _{YB}	118, 99, 144
Decimal	7758736
CIE Lab	45.34, 17.12, -21.94
CIE LCh	45, 27.828, 307.964
Yxy	14.7888, 0.2823, 0.2461
Android (android.graphics.Color)	4285948816 (0xFF766390)
YUV	109.8110, 16.8552, 7.1818
Hunter-Lab	38.4563, 11.4566, -16.7828

Details

The Hex color **766390** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D9063**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AB96C6**, and **45345D** is the 20% darker color. If you saturate the color by 10%, you get **6E5590**, and if you desaturate by 10%, it is **7E7190**.

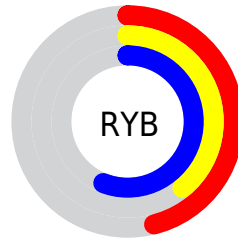
Distribution



Red (46%)

Green (39%)

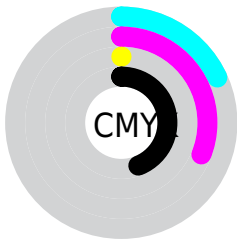
Blue (56%)



Red (46%)

Yellow (39%)

Blue (56%)

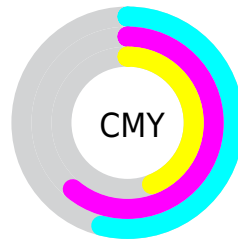


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 766390 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 766390 by changing the saturation by 10% instead.

766390

766390

FFFFFF

5D4B76

AB96C6

45345D

C6B1E2

2E1F46

E2CCFF

18092F

FFE8FF

00011A

000000

766390

766390

6E5590

7E7190

654690

878090

5D3890

8F8E90

552990

979D90

4C1B90

A0AB90

440D90

A8B990

3D0090

B0C890

B9D690

C1E590

Harmonies

Analogous

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



536C99



766390



8E5C7D

Triad

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



766390



896441



1B7871

Complementary

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



766390



7D9063

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.



3E7659



766390



746C3D

Square

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



766390



965D50



5B7246



007787

Rectangle

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



766390



96596E



5B7246



287869

Sweetspot

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



766390



B0A9BA



637D90



58545E



DEDEDE



5E5E5E

Same Dimension

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



766390



9173BA



8C6390



434047



390087



030008

Inverse Universe

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



90637D



BA739C



679063



474044



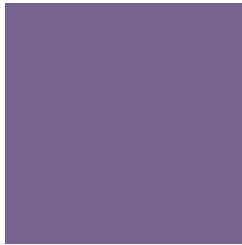
87004E



080004

Previews

White Background



This preview shows how the Hex color 766390 looks on a white background.

Color Contrast Check

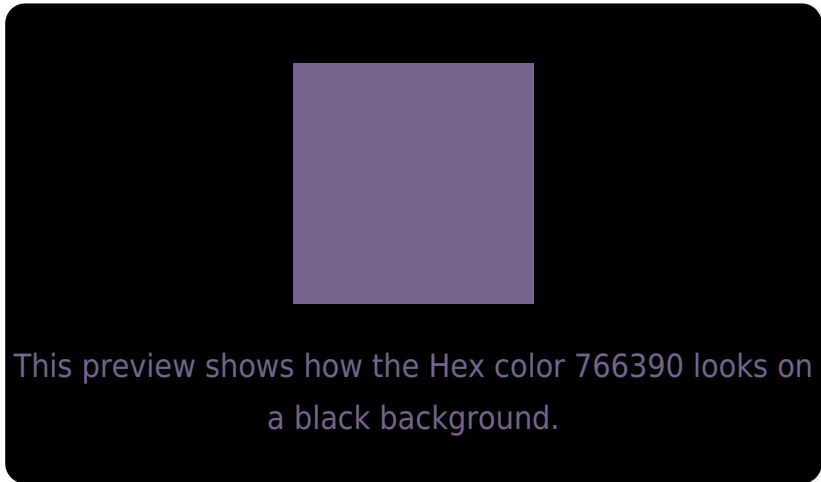
Large Text (above 18pt) WCAG AA ✓ Pass

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

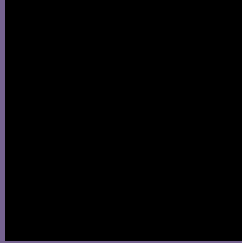
Any Text WCAG AA × Fail

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 766390 Background



This preview shows how black text looks on a background with the Hex color 766390.

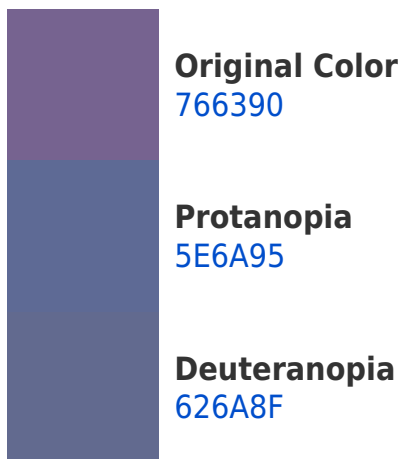



This preview shows how white text looks on a background with the Hex color 766390.

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





Tritanopia
716971

Trichromacy



Original Color
766390

Protanomaly
676793

Deuteranomaly
69678F

Tritanomaly
73677C

Monochromacy



Original Color
766390

Achromatopsia
6E6E6E

Achromatomaly
716A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 766390 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 #766390 looks like.

```
.text, #text, p{  
    color:#766390  
}
```

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 #766390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766390
}
```

Border

The CSS property to change the border of an element to Hex 766390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

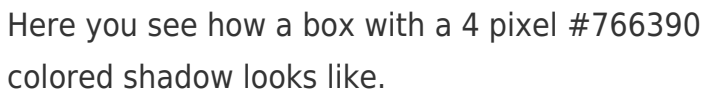
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#766390 }
```

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

```
.border{ border-color:#766390 }
```

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



Here you see how a box with a 4 pixel #766390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766390; -webkit-box-shadow:4px 4px  
4px 4px #766390; box-shadow:4px 4px 4px  
4px #766390 }
```

Background

The CSS property to change the background color of an element to Hex 766390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766390 }
```

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

```
.background{ background-color:#766390 }
```

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