

# Converting Colors

Hex(760998)

Have a look what the booklet for  
Hex(760998) contains.

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**Color**

**Hex(760998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	760998
RGB	118, 9, 152
RGB Percent	46%, 4%, 60%
CMY	0.5373, 0.9647, 0.4039
CMYK	0.22, 0.94, 0.00, 0.40
HSL	286°, 89%, 32%
HSV	286°, 94%, 60%
XYZ	13.2364, 6.3139, 30.2268
YIQ	57.8930, 19.0610, 67.5810

# Conversions

## Conversions Part 2

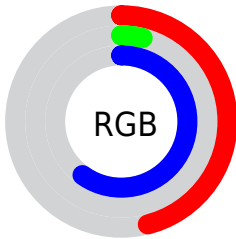
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 9, 152
Decimal	7735704
CIE <sub>Lab</sub>	30.19, 60.07, -50.83
CIE <sub>LCh</sub>	30, 78.688, 319.762
Yxy	6.3139, 0.2659, 0.1268
Android (android.graphics.Color)	4285925784 (0xFF760998)
YUV	57.8930, 46.3948, 52.7138
Hunter-Lab	25.1275, 50.0551, -53.7329

# Details

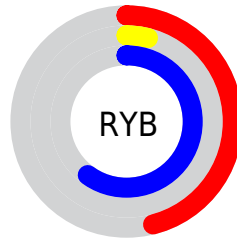
The Hex color **760998** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **2B9809**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AE4BCF**, and **3F0064** is the 20% darker color. If you saturate the color by 10%, you get **740098**, and if you desaturate by 10%, it is **7A1898**.

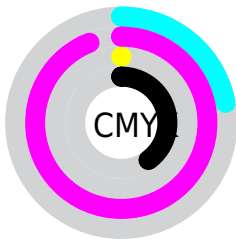
# Distribution



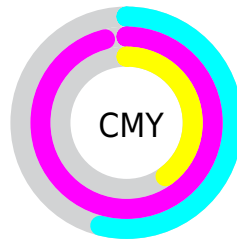
- Red (46%)
- Green (4%)
- Blue (60%)



- Red (46%)
- Yellow (4%)
- Blue (60%)



- Cyan (22%)
- Magenta (94%)
- Yellow (0%)
- Black (40%)



- Cyan (54%)
- Magenta (96%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 760998 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 760998 by changing the saturation by 10% instead.



 760998

 760998

FFFFFF

 5A007E

 AE4BCF

 3F0064

 CB66EC

 27004B

 E982FF

 000033

 FF9DFF

 00021D

 FFBAFF

 000000

 FFD6FF

 FFF4FF

 760998

 760998

■ 740098

■ 7A1898

■ 7D2798

■ 813798

■ 844698

■ 885598

■ 8C6498

■ 8F7398

■ 938398

■ 979298

# Harmonies

## Analogous

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



0042BE



760998



A3005F

# Triad

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



760998



693D00



005E6F

# Complementary

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



760998



2B9809

# 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.



005C2F



760998



305000

# Square

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



760998



920B00



005800



005DA6

# Rectangle

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



760998



AB0037



005800



005D5B



# Sweetspot

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



760998



B78DC4



092D98



5B4263



E3E3E3



636363



# Same Dimension

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



760998



9600C4



980974



4B454D



6B008C



0A000D



# Inverse Universe

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



98092B



C4002F



09982D



4D4547



8C0021



0D0003



# Previews

## White Background



This preview shows how the Hex color 760998 looks on a white background.

## Color Contrast Check

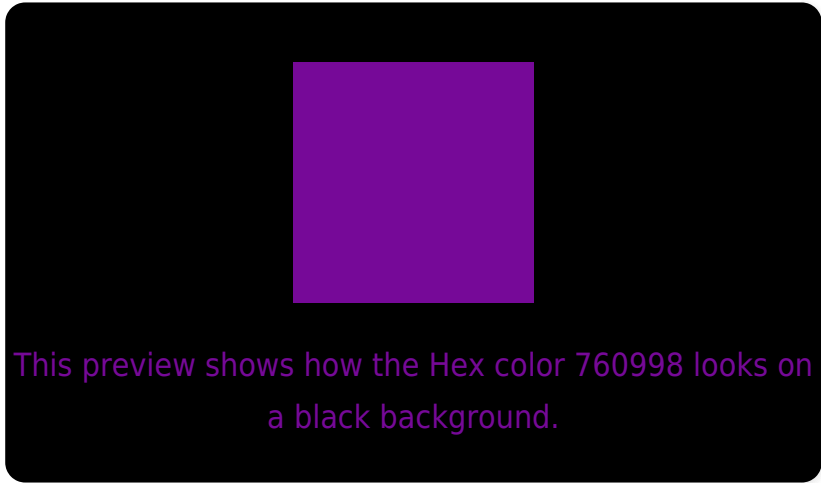
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

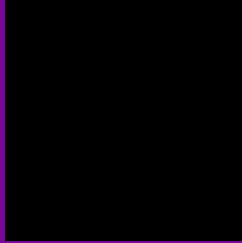
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 760998 Background



This preview shows how black text looks on a background with the Hex color 760998.



This preview shows how white text looks on a background with the Hex color 760998.

# 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**  
760998

**Protanopia**  
004795

**Deuteranopia**  
004B82



**Tritanopia**  
693C40

# Trichromacy



**Original Color**

760998



**Protanomaly**

2B3096



**Deuteranomaly**

2B338A



**Tritanomaly**

6E2960

# Monochromacy



**Original Color**

760998



**Achromatopsia**

3A3A3A



**Achromatomaly**

50285C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 760998 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 #760998 looks like.

```
.text, #text, p{  
    color:#760998  
}
```

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 #760998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #760998
}
```

## Border

The CSS property to change the border of an element to Hex 760998 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
#760998 }
```

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

```
.border{ border-color:#760998 }
```

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

Here you see how a box with a 4 pixel #760998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #760998; -webkit-box-shadow:4px 4px  
4px 4px #760998; box-shadow:4px 4px 4px  
4px #760998 }
```

# Background

The CSS property to change the background color of an element to Hex 760998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#760998 }
```

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

```
.background{ background-color:#760998 }
```

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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