

# Converting Colors

Hex(765991)

Have a look what the booklet for  
Hex(765991) contains.

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# Color

**Hex(765991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765991
RGB	118, 89, 145
RGB Percent	46%, 35%, 57%
CMY	0.5373, 0.6510, 0.4314
CMYK	0.19, 0.39, 0.00, 0.43
HSL	271°, 24%, 46%
HSV	271°, 39%, 57%
XYZ	16.1544, 13.0406, 28.4537
YIQ	104.0550, -0.6920, 23.5640

# Conversions

## Conversions Part 2

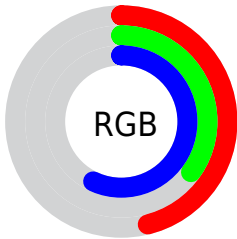
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 89, 145
Decimal	7756177
CIE <sub>Lab</sub>	42.82, 23.41, -26.44
CIE <sub>LCh</sub>	43, 35.317, 311.515
Yxy	13.0406, 0.2802, 0.2262
Android (android.graphics.Color)	4285946257 (0xFF765991)
YUV	104.0550, 20.1859, 12.2298
Hunter-Lab	36.1118, 16.6553, -21.4383

# Details

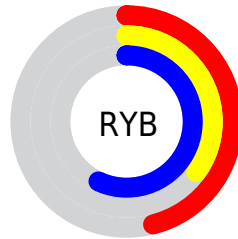
The Hex color **765991** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **749159**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AB8BC7**, and **442B5E** is the 20% darker color. If you saturate the color by 10%, you get **6F4B91**, and if you desaturate by 10%, it is **7D6891**.

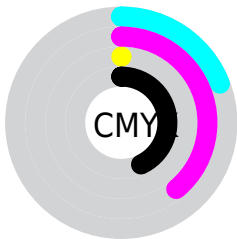
# Distribution



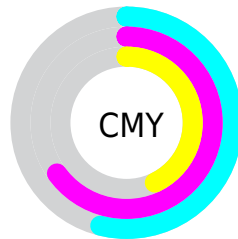
- Red (46%)
- Green (35%)
- Blue (57%)



- Red (46%)
- Yellow (35%)
- Blue (57%)



- Cyan (19%)
- Magenta (39%)
- Yellow (0%)
- Black (43%)



- Cyan (54%)
- Magenta (65%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765991 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 765991 by changing the saturation by 10% instead.



■ 765991

■ 765991

FFFFFF

■ 5D4177

■ AB8BC7

■ 442B5E

■ C7A6E3

■ 2D1546

■ E3C1FF

■ 190030

■ FFDDFF

■ 00011A

■ FFFAFF

■ 000000

■ 765991

■ 765991

■ 6F4B91

■ 7D6891

■ 683C91

■ 847691

612D91

8B8591

5A1F91

929391

531191

99A291

4C0291

A0B091

4B0091

A7BF91

AECD91

B5DB91

# Harmonies

## Analogous

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



48649E



765991



924F78

# Triad

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



765991



855D2D



007470

# Complementary

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



765991



749159

# 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.



1D7352



765991



6B6729

# Square

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



765991



975340



4B6E38



00728B

# Rectangle

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



765991



9A4C65



4B6E38



007466



# Sweetspot

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



765991



B2A6BD



597491



58515E



DEDEDE



5E5E5E



# Same Dimension

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



765991



9366BD



915990



444047



460087



040008



# Inverse Universe

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



915974



BD6690



59915A



474044



870041

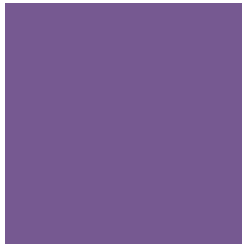


080004



# Previews

## White Background



This preview shows how the Hex color 765991 looks on a white background.

## Color Contrast Check

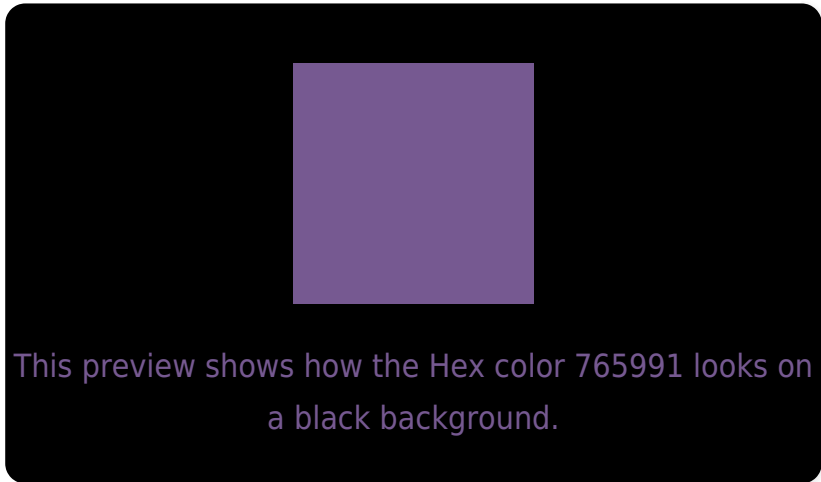
Large Text (above 18pt) WCAG AA ✓ Pass

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

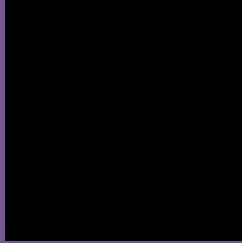
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 765991 Background



This preview shows how black text looks on a background with the Hex color 765991.



This preview shows how white text looks on a background with the Hex color 765991.

# 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**  
6F6169

# Trichromacy



**Original Color**  
765991

**Protanomaly**  
5F6097

**Deuteranomaly**  
626090

**Tritanomaly**  
725E78

# Monochromacy



**Original Color**  
765991

**Achromatopsia**  
686868

**Achromatomaly**  
6D6377

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765991 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 #765991 looks like.

```
.text, #text, p{  
    color:#765991  
}
```

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 #765991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765991
}
```

## Border

The CSS property to change the border of an element to Hex 765991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

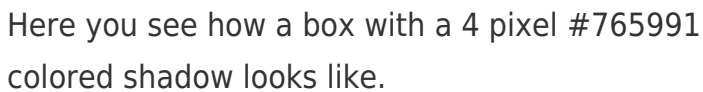
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#765991 }
```

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

```
.border{ border-color:#765991 }
```

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



Here you see how a box with a 4 pixel #765991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765991; -webkit-box-shadow:4px 4px  
4px 4px #765991; box-shadow:4px 4px 4px  
4px #765991 }
```

# Background

The CSS property to change the background color of an element to Hex 765991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765991 }
```

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

```
.background{ background-color:#765991 }
```

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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