

Converting Colors

Hex(755091)

Have a look what the booklet for
Hex(755091) contains.

Hex(755091)	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(755091)

Conversions

Conversions Part 1

Format	Color
Hex	755091
RGB	117, 80, 145
RGB Percent	46%, 31%, 57%
CMY	0.5412, 0.6863, 0.4314
CMYK	0.19, 0.45, 0.00, 0.43
HSL	274°, 29%, 44%
HSV	274°, 45%, 57%
XYZ	15.3156, 11.5636, 28.2128
YIQ	98.4730, 1.1870, 28.0590

Conversions

Conversions Part 2

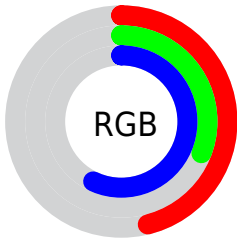
Format	Color
R_{YB}	117, 80, 145
Decimal	7688337
CIE _{Lab}	40.51, 28.49, -30.07
CIE _{LCh}	41, 41.420, 313.457
Yxy	11.5636, 0.2780, 0.2099
Android (android.graphics.Color)	4285878417 (0xFF755091)
YUV	98.4730, 22.9378, 16.2482
Hunter-Lab	34.0052, 20.8854, -25.3870

Details

The Hex color **755091** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6C9150**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AA82C7**, and **43225E** is the 20% darker color. If you saturate the color by 10%, you get **6F4291**, and if you desaturate by 10%, it is **7B5E91**.

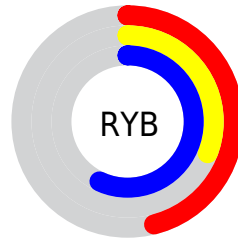
Distribution



Red (46%)

Green (31%)

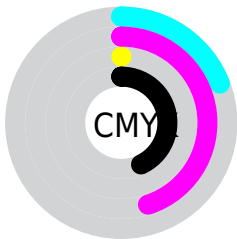
Blue (57%)



Red (46%)

Yellow (31%)

Blue (57%)

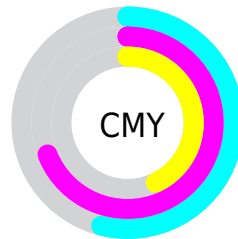


Cyan (19%)

Magenta (45%)

Yellow (0%)

Black (43%)



Cyan (54%)

Magenta (69%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 755091 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 755091 by changing the saturation by 10% instead.

 755091

 755091

FFFFFF

 5B3877

 AA82C7

 43225E

 C69CE3

 2B0B46

 E2B7FF

 190030

 FFD3FF

 00011A

 FFF0FF

 000000


 755091

 755091

 6F4291

 7B5E91

 693391

 816D91

622491

887B91

5C1691

8E8A91

560791

949991

530091

9AA791

A1B591

A7C491

ADD391

Harmonies

Analogous

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



3C5EA2



755091



944374

Triad

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



755091



81571B



00706E

Complementary

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



755091



6C9150

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.



006F4B



755091



636317

Square

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



755091



964A32



3D6A2B



006E8D

Rectangle

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



755091



9C405D



3D6A2B



007063

Sweetspot

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



755091



B2A4BD



506C91



584F5E



DEDEDE



5E5E5E

Same Dimension

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



755091



9157BD



91508D



444047



4D0087



040008

Inverse Universe

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



91506C



BD5783



509154



474043



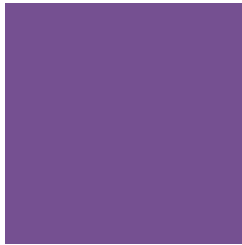
87003A



080003

Previews

White Background



This preview shows how the Hex color 755091 looks on a white background.

Color Contrast Check

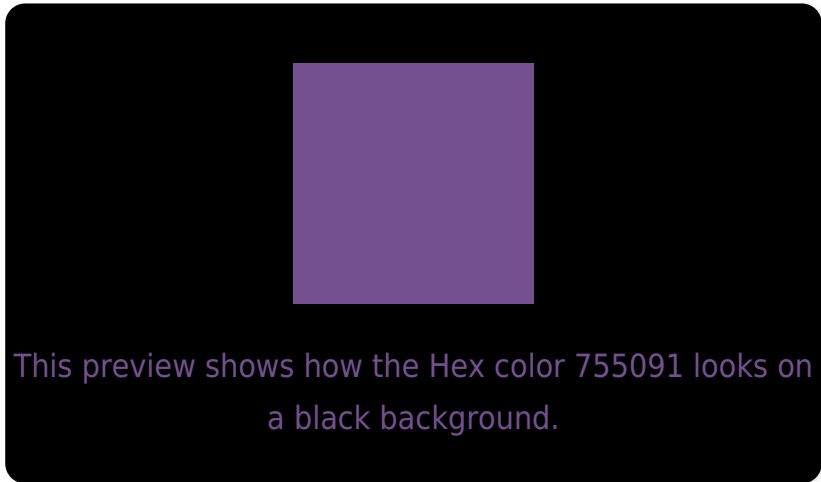
Large Text (above 18pt) WCAG AA ✓ Pass

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

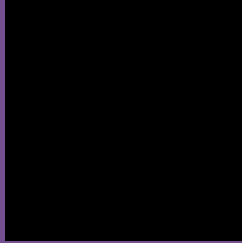
Any Text WCAG AA × Fail

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 755091 Background



This preview shows how black text looks on a background with the Hex color 755091.



This preview shows how white text looks on a background with the Hex color 755091.

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
6D5B62

Trichromacy



Original Color
755091

Protanomaly
575999

Deuteranomaly
5A5A8F

Tritanomaly
705773

Monochromacy



Original Color
755091

Achromatopsia
626262

Achromatomaly
695B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 755091 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 #755091 looks like.

```
.text, #text, p{  
    color:#755091  
}
```

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 #755091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755091
}
```

Border

The CSS property to change the border of an element to Hex 755091 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
#755091 }
```

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

```
.border{ border-color:#755091 }
```

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

Here you see how a box with a 4 pixel #755091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755091; -webkit-box-shadow:4px 4px  
4px 4px #755091; box-shadow:4px 4px 4px  
4px #755091 }
```

Background

The CSS property to change the background color of an element to Hex 755091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755091 }
```

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

```
.background{ background-color:#755091 }
```

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