

Converting Colors

Hex(757090)

Have a look what the booklet for
Hex(757090) contains.

Hex(757090)	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(757090)

Conversions

Conversions Part 1

Format	Color
Hex	757090
RGB	117, 112, 144
RGB Percent	46%, 44%, 56%
CMY	0.5412, 0.5608, 0.4353
CMYK	0.19, 0.22, 0.00, 0.44
HSL	249°, 13%, 50%
HSV	249°, 22%, 56%
XYZ	18.1643, 17.3839, 28.7836
YIQ	117.1430, -7.2920, 11.0120

Conversions

Conversions Part 2

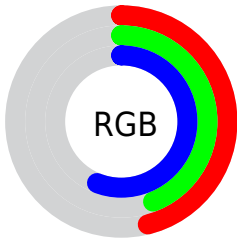
Format	Color
R_{YB}	117, 112, 144
Decimal	7696528
CIE Lab	48.74, 8.95, -16.74
CIE LCh	49, 18.981, 298.136
Yxy	17.3839, 0.2824, 0.2702
Android (android.graphics.Color)	4285886608 (0xFF757090)
YUV	117.1430, 13.2405, -0.1254
Hunter-Lab	41.6940, 4.8006, -11.7453

Details

The Hex color **757090** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B9070**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A9A4C6**, and **44405E** is the 20% darker color. If you saturate the color by 10%, you get **696290**, and if you desaturate by 10%, it is **817E90**.

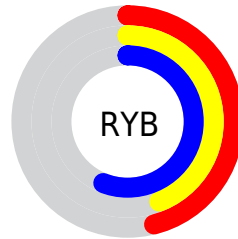
Distribution



Red (46%)

Green (44%)

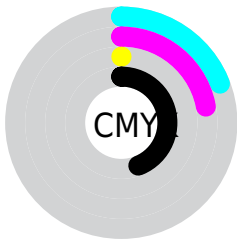
Blue (56%)



Red (46%)

Yellow (44%)

Blue (56%)

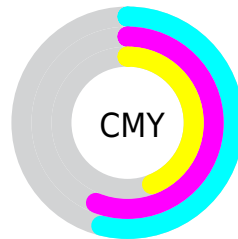


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757090 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 757090 by changing the saturation by 10% instead.

■ 757090

■ 757090

FFFFFF

■ 5C5876

■ A9A4C6

■ 44405E

■ C5BFE2

■ 2D2A46

■ E1DBFF

■ 18162F

■ FEF7FF

■ 00001B

■ 000000

■ 757090

■ 757090

■ 696290

■ 817E90

■ 5D5390

■ 8D8D90

■ 514590

■ 999B90

■ 443690

■ A6AA90

■ 382890

■ B2B890

■ 2C1A90

■ BEC690

■ 200B90

■ CAD590

■ 160090

■ D6E390

■ E2F290

Harmonies

Analogous

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



5F7694



757090



886B85

Triad

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



757090



8E6D59



4D7D72

Complementary

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



757090



8B9070

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.



5D7B62



757090



817254

Square

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



757090



946965



6F7757



447C82

Rectangle

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



757090



90697B



6F7757



527C6D

Sweetspot

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



757090



AFADBA



708B90



58575E



DEDEDE



5E5E5E

Same Dimension

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



757090



9088BA



857090



414047



150087



010008

Inverse Universe

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



90708B



BA88B2



7B9070



474046



870072



080006

Previews

White Background



This preview shows how the Hex color 757090 looks on a white background.

Color Contrast Check

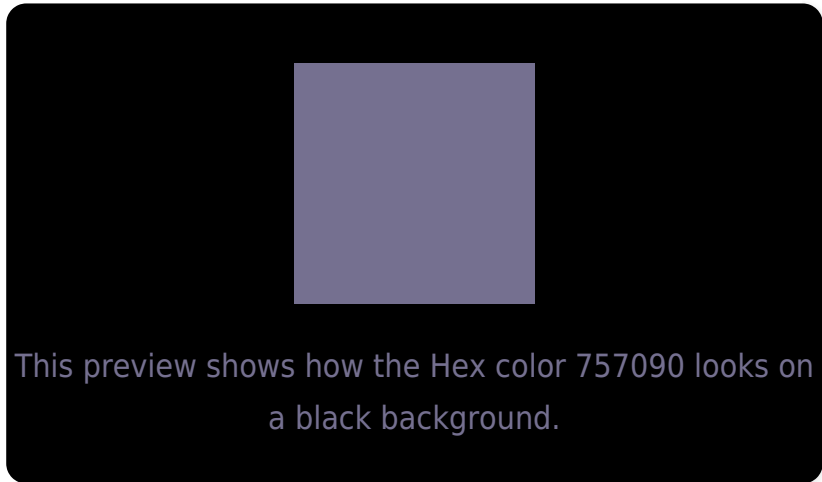
Large Text (above 18pt) WCAG AA ✓ Pass

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

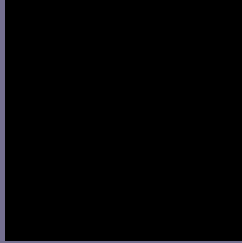
Any Text WCAG AA × Fail

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 757090 Background



This preview shows how black text looks on a background with the Hex color 757090.



This preview shows how white text looks on a background with the Hex color 757090.

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

757090

Protanopia

6C7392

Deuteranopia

717190



Tritanopia
72737D

Trichromacy



Original Color
757090

Protanomaly
6F7291

Deuteranomaly
727190

Tritanomaly
737284

Monochromacy



Original Color
757090

Achromatopsia
757575

Achromatomaly
75737F

CSS Examples

Text

The CSS property to change the color of the text to Hex 757090 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 #757090 looks like.

```
.text, #text, p{  
    color:#757090  
}
```

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 #757090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757090
}
```

Border

The CSS property to change the border of an element to Hex 757090 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
#757090 }
```

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

```
.border{ border-color:#757090 }
```

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

Here you see how a box with a 4 pixel #757090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757090; -webkit-box-shadow:4px 4px  
4px 4px #757090; box-shadow:4px 4px 4px  
4px #757090 }
```

Background

The CSS property to change the background color of an element to Hex 757090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757090 }
```

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

```
.background{ background-color:#757090 }
```

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