

Converting Colors

Hex(757599)

Have a look what the booklet for
Hex(757599) contains.

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Color

Hex(757599)

Conversions

Conversions Part 1

Format	Color
Hex	757599
RGB	117, 117, 153
RGB Percent	46%, 46%, 60%
CMY	0.5412, 0.5412, 0.4000
CMYK	0.24, 0.24, 0.00, 0.40
HSL	240°, 15%, 53%
HSV	240°, 24%, 60%
XYZ	19.4472, 18.8044, 32.7416
YIQ	121.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

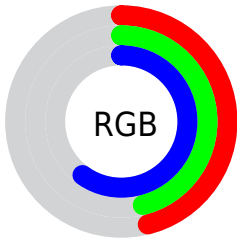
Format	Color
R_{YB}	117, 117, 153
Decimal	7697817
CIE _{Lab}	50.46, 8.17, -19.41
CIE _{LCh}	50, 21.060, 292.839
Yxy	18.8044, 0.2739, 0.2649
Android (android.graphics.Color)	4285887897 (0xFF757599)
YUV	121.1040, 15.7247, -3.5992
Hunter-Lab	43.3640, 4.1636, -14.4116

Details

The Hex color `757599` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `999975`, and the grayscale version is `797979`.

A 20% lighter version of the original color is `AAA9CF`, and `444566` is the 20% darker color. If you saturate the color by 10%, you get `666699`, and if you desaturate by 10%, it is `848499`.

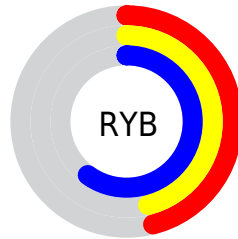
Distribution



Red (46%)

Green (46%)

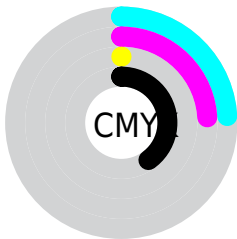
Blue (60%)



Red (46%)

Yellow (46%)

Blue (60%)

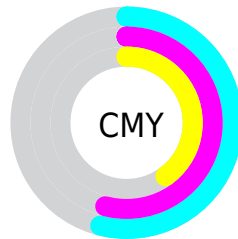


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (54%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757599 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 757599 by changing the saturation by 10% instead.

■ 757599

■ 757599

FFFFFF

■ 5C5C7F

■ AAA9CF

■ 444566

■ C5C4EC

■ 2D2F4E

■ E1E0FF

■ 161A37

■ FEFDFD

■ 000022

■ 000007

■ 000000

■ 757599

■ 757599

■ 666699

■ 848499

■ 565699

■ 949499

■ 474799

■ A3A399

■ 383899

■ B2B299

■ 282899

■ C2C299

■ 191999

■ D1D199

■ 0A0A99

■ E0E099

■ 000099

■ EFEF99

■ FFFF99

Harmonies

Analogous

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



5B7B9B



757599



8B6F8E

Triad

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



757599



97705C



4E8273

Complementary

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



757599



999975

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.



628062



757599



897555

Square

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



757599



9C6C6B



777B57



428285

Rectangle

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



757599



956C83



777B57



55816D

Sweetspot

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



757599



B9B9C7



759999



5B5B63



E3E3E3



636363

Same Dimension

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



757599



8F8FC7



877599



45454D



00008C



00000D

Inverse Universe

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



997599



C78FC7



879975



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 757599 looks on a white background.

Color Contrast Check

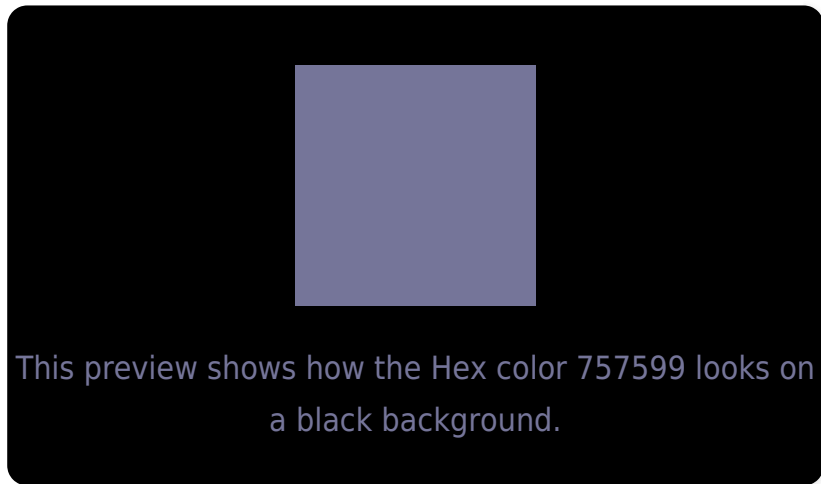
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

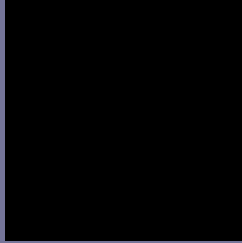
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 757599 Background



This preview shows how black text looks on a background with the Hex color 757599.



This preview shows how white text looks on a background with the Hex color 757599.

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

757599

Protanopia

6F779A

Deuteranopia

727699



Tritanopia
717983

Trichromacy



Original Color
757599

Protanomaly
71769A

Deuteranomaly
737699

Tritanomaly
72788B

Monochromacy



Original Color
757599

Achromatopsia
797979

Achromatomaly
787885

CSS Examples

Text

The CSS property to change the color of the text to Hex 757599 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 #757599 looks like.

```
.text, #text, p{  
    color:#757599  
}
```

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 #757599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757599
}
```

Border

The CSS property to change the border of an element to Hex 757599 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
#757599 }
```

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

```
.border{ border-color:#757599 }
```

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

Here you see how a box with a 4 pixel #757599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757599; -webkit-box-shadow:4px 4px  
4px 4px #757599; box-shadow:4px 4px 4px  
4px #757599 }
```

Background

The CSS property to change the background color of an element to Hex 757599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757599 }
```

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

```
.background{ background-color:#757599 }
```

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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