

Converting Colors

Hex(677795)

Have a look what the booklet for
Hex(677795) contains.

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Color

Hex(677795)

Conversions

Conversions Part 1

Format	Color
Hex	677795
RGB	103, 119, 149
RGB Percent	40%, 47%, 58%
CMY	0.5961, 0.5333, 0.4157
CMYK	0.31, 0.20, 0.00, 0.42
HSL	219°, 18%, 49%
HSV	219°, 31%, 58%
XYZ	17.6152, 18.2471, 31.0274
YIQ	117.6360, -19.1660, 5.9380

Conversions

Conversions Part 2

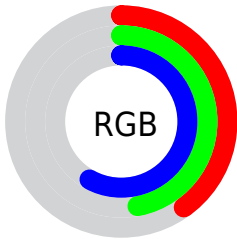
Format	Color
R_{YB}	103, 115, 149
Decimal	6780821
CIE _{Lab}	49.79, 1.47, -18.17
CIE _{LCh}	50, 18.232, 274.637
Yxy	18.2471, 0.2633, 0.2728
Android (android.graphics.Color)	4284970901 (0xFF677795)
YUV	117.6360, 15.4625, -12.8358
Hunter-Lab	42.7167, -1.1458, -13.1638

Details

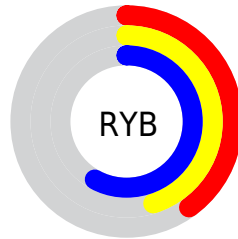
The Hex color **677795** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **958567**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9BABC8**, and **364762** is the 20% darker color. If you saturate the color by 10%, you get **586D95**, and if you desaturate by 10%, it is **768195**.

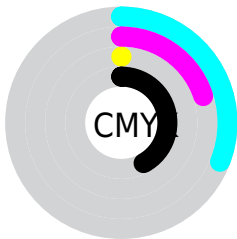
Distribution



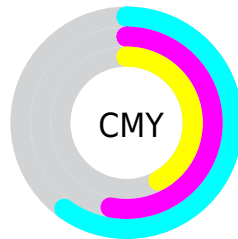
- Red (40%)
- Green (47%)
- Blue (58%)



- Red (40%)
- Yellow (45%)
- Blue (58%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677795 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 677795 by changing the saturation by 10% instead.

■ 677795

■ 677795

FFFFFF

■ 4E5E7B

■ 9BABC8

■ 364762

■ B6C6E7

■ 1F314A

■ D2E2FF

■ 051C34

■ EFFFFFF

■ 00011F

■ 000001

■ 000000

■ 677795

■ 677795

■ 586D95

■ 768195

■ 496495

■ 858A95

■ 3A5A95

■ 949495

■ 2B5095

■ A39E95

■ 1D4695

■ B2A895

■ 0E3D95

■ C0B195

■ 003495

■ CFBB95

■ DEC595

■ EDCE95

Harmonies

Analogous

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



547C92



677795



7C7290

Triad

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



677795



956D66



5D7E69

Complementary

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



677795



958567

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.



6E7B5D



677795



8D715B

Square

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



677795



956B75



807658



4F7F78

Rectangle

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



677795



886E89



807658



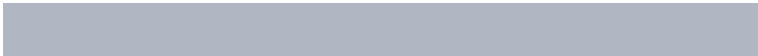
637D64

Sweetspot

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



677795



B0B6C2



679585



565A61



E0E0E0



616161

Same Dimension

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



677795



7A93C2



6E6795



43454A



00308A



00040A

Inverse Universe

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



956777



C27A93



8E9567



4A4345



8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 677795 looks on a white background.

Color Contrast Check

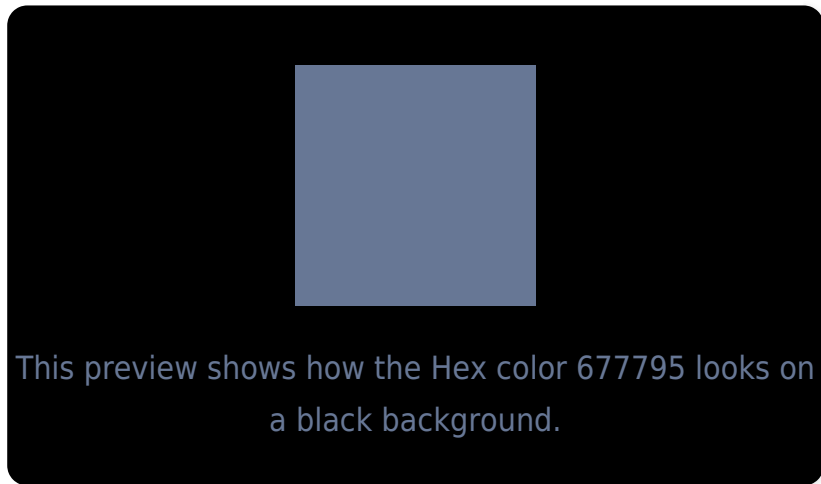
Large Text (above 18pt) WCAG AA ✓ Pass

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

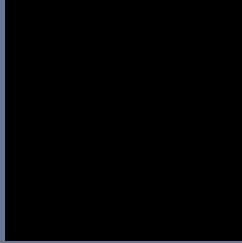
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

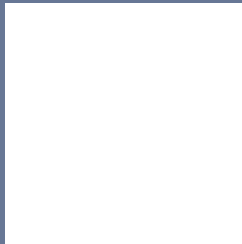
Any Text WCAG AAA × Fail

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

Hex 677795 Background



This preview shows how black text looks on a background with the Hex color 677795.

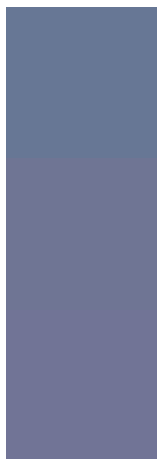


This preview shows how white text looks on a background with the Hex color 677795.

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

677795

Protanopia

6F7594

Deuteranopia

717496



Tritanopia
637A84

Trichromacy



Original Color
677795

Protanomaly
6C7694

Deuteranomaly
6D7596

Tritanomaly
64798A

Monochromacy



Original Color
677795

Achromatopsia
767676

Achromatomaly
717681

CSS Examples

Text

The CSS property to change the color of the text to Hex 677795 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 #677795 looks like.

```
.text, #text, p{  
    color:#677795  
}
```

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 #677795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677795
}
```

Border

The CSS property to change the border of an element to Hex 677795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

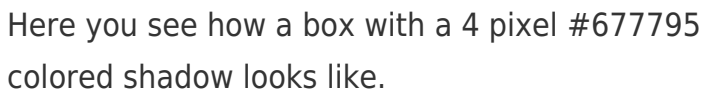
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#677795 }
```

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

```
.border{ border-color:#677795 }
```

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



Here you see how a box with a 4 pixel #677795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677795; -webkit-box-shadow:4px 4px  
4px 4px #677795; box-shadow:4px 4px 4px  
4px #677795 }
```

Background

The CSS property to change the background color of an element to Hex 677795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677795 }
```

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

```
.background{ background-color:#677795 }
```

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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