

Converting Colors

Hex(617690)

Have a look what the booklet for
Hex(617690) contains.

Hex(617690)	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(617690)

Conversions

Conversions Part 1

Format	Color
Hex	617690
RGB	97, 118, 144
RGB Percent	38%, 46%, 56%
CMY	0.6196, 0.5373, 0.4353
CMYK	0.33, 0.18, 0.00, 0.44
HSL	213°, 20%, 47%
HSV	213°, 33%, 56%
XYZ	16.4422, 17.5119, 28.8991
YIQ	114.6850, -20.8620, 3.6340

Conversions

Conversions Part 2

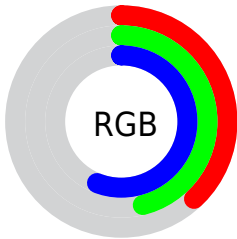
Format	Color
R_{YB}	97, 112, 144
Decimal	6387344
CIE _{Lab}	48.90, -1.14, -16.64
CIE _{LCh}	49, 16.675, 266.088
Yxy	17.5119, 0.2616, 0.2786
Android (android.graphics.Color)	4284577424 (0xFF617690)
YUV	114.6850, 14.4523, -15.5097
Hunter-Lab	41.8472, -3.0979, -11.6518

Details

The Hex color **617690** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **907B61**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **95AAC6**, and **30465E** is the 20% darker color. If you saturate the color by 10%, you get **536E90**, and if you desaturate by 10%, it is **6F7E90**.

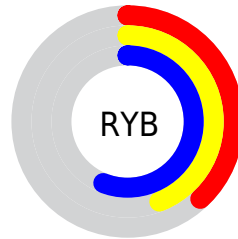
Distribution



Red (38%)

Green (46%)

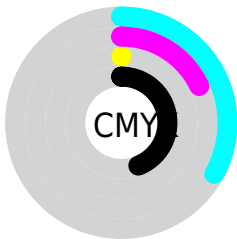
Blue (56%)



Red (38%)

Yellow (44%)

Blue (56%)

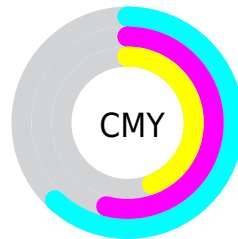


Cyan (33%)

Magenta (18%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617690 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 617690 by changing the saturation by 10% instead.

■ 617690

■ 617690

FFFFFF

■ 485D76

■ 95AAC6

■ 30465E

■ B0C5E2

■ 183046

■ CCE1FF

■ 001B2F

■ E8FEFF

■ 00011B

■ 000000

■ 617690

■ 617690

■ 536E90

■ 6F7E90

■ 446690

■ 7E8690

■ 365E90

■ 8C8E90

■ 275690

■ 9B9690

■ 194E90

■ A99E90

■ 0B4690

■ B7A690

■ 004090

■ C6AE90

■ D4B690

■ E3BE90

Harmonies

Analogous

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



517A8B



617690



74718D

Triad

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



617690



916B68



617A64

Complementary

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



617690



907B61

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.



72775B



617690



8C6E5D

Square

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



617690



8F6A77



817358



537C72

Rectangle

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



617690



806E88



817358



677960

Sweetspot

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



617690



A8B0BA



61907B



53585E



DEDEDE



5E5E5E

Same Dimension

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



617690



7292BA



636190



404347



003C87



000308

Inverse Universe

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



906176



BA7292



8E9061



474043



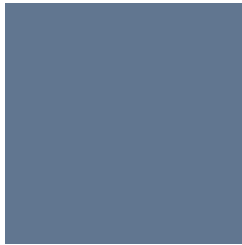
87003C



080003

Previews

White Background



This preview shows how the Hex color 617690 looks on a white background.

Color Contrast Check

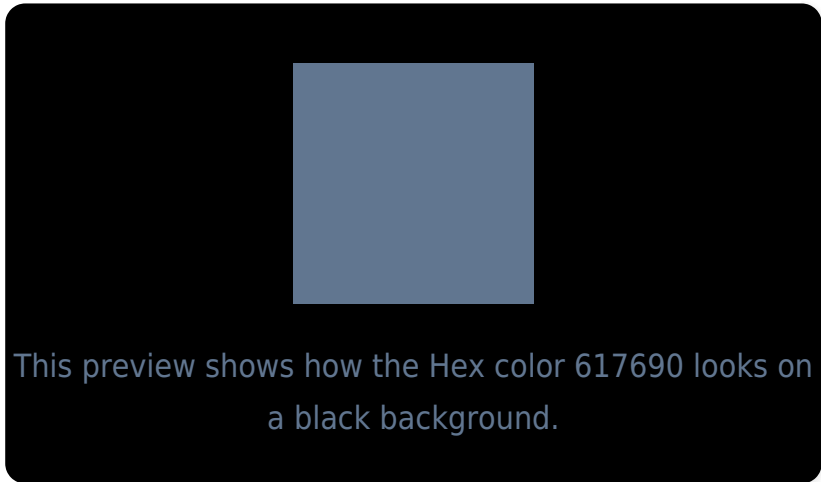
Large Text (above 18pt) WCAG AA ✓ Pass

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

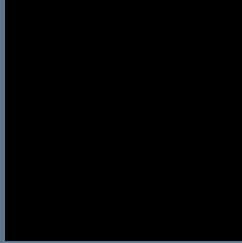
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

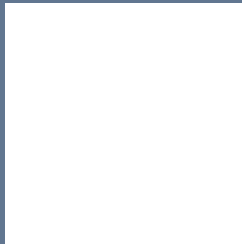
Any Text WCAG AAA × Fail

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

Hex 617690 Background



This preview shows how black text looks on a background with the Hex color 617690.



This preview shows how white text looks on a background with the Hex color 617690.

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
617690

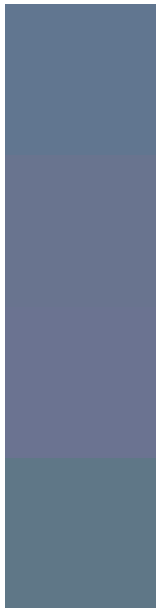
Protanopia
6E738E

Deuteranopia
707291



Tritanopia
5E7882

Trichromacy



Original Color
617690

Protanomaly
69748F

Deuteranomaly
6B7391

Tritanomaly
5F7787

Monochromacy



Original Color
617690

Achromatopsia
737373

Achromatomaly
6C747E

CSS Examples

Text

The CSS property to change the color of the text to Hex 617690 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 #617690 looks like.

```
.text, #text, p{  
    color:#617690  
}
```

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 #617690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617690
}
```

Border

The CSS property to change the border of an element to Hex 617690 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
#617690 }
```

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

```
.border{ border-color:#617690 }
```

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

Here you see how a box with a 4 pixel #617690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617690; -webkit-box-shadow:4px 4px  
4px 4px #617690; box-shadow:4px 4px 4px  
4px #617690 }
```

Background

The CSS property to change the background color of an element to Hex 617690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617690 }
```

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

```
.background{ background-color:#617690 }
```

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