

Converting Colors

Hex(617899)

Have a look what the booklet for
Hex(617899) contains.

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Color

Hex(617899)

Conversions

Conversions Part 1

Format	Color
Hex	617899
RGB	97, 120, 153
RGB Percent	38%, 47%, 60%
CMY	0.6196, 0.5294, 0.4000
CMYK	0.37, 0.22, 0.00, 0.40
HSL	215°, 22%, 49%
HSV	215°, 37%, 60%
XYZ	17.3960, 18.2742, 32.7474
YIQ	116.8850, -24.3010, 5.3870

Conversions

Conversions Part 2

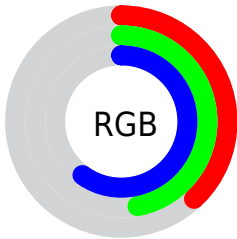
Format	Color
R_{YB}	97, 113, 153
Decimal	6387865
CIE _{Lab}	49.83, 0.15, -20.50
CIE _{LCh}	50, 20.505, 270.409
Yxy	18.2742, 0.2543, 0.2671
Android (android.graphics.Color)	4284577945 (0xFF617899)
YUV	116.8850, 17.8047, -17.4391
Hunter-Lab	42.7484, -2.1709, -15.4953

Details

The Hex color **617899** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **998261**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95ACCF**, and **2F4866** is the 20% darker color. If you saturate the color by 10%, you get **526F99**, and if you desaturate by 10%, it is **708199**.

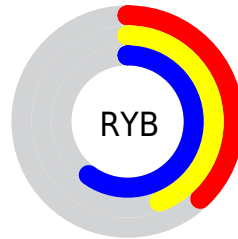
Distribution



Red (38%)

Green (47%)

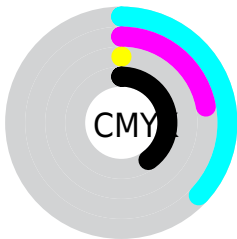
Blue (60%)



Red (38%)

Yellow (44%)

Blue (60%)

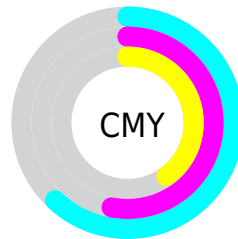


Cyan (37%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (62%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617899 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 617899 by changing the saturation by 10% instead.

■ 617899

■ 617899

FFFFFF

■ 485F7F

■ 95ACCF

■ 2F4866

■ B1C7EC

■ 16314E

■ CCE3FF

■ 001D37

■ E9FFFF

■ 000222

■ 000007

■ 000000

■ 617899

■ 617899

■ 526F99

■ 708199

■ 426699

■ 808A99

■ 335D99

■ 8F9399

■ 245499

■ 9E9C99

■ 144B99

■ ADA599

■ 054299

■ BDAE99

■ 003F99

■ CCB799

■ DBC099

■ EBC999

Harmonies

Analogous

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



4B7D94



617899



797294

Triad

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



617899



996B66



5C7F65

Complementary

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



617899



998261

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.



707B58



617899



917059

Square

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



617899



986A77



837554



4A8076

Rectangle

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



617899



876E8D



837554



637D60

Sweetspot

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



617899



B1BAC7



619982



575C63



E3E3E3



636363

Same Dimension

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



617899



6F93C7



666199



45484D



003A8C



00050D

Inverse Universe

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



996178



C76F93



949961



4D4548



8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 617899 looks on a white background.

Color Contrast Check

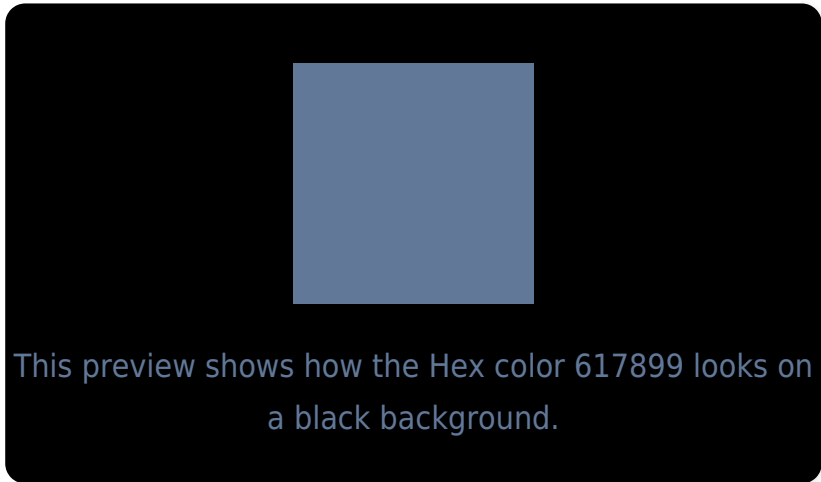
Large Text (above 18pt) WCAG AA ✓ Pass

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

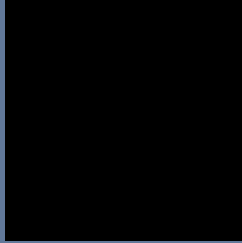
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

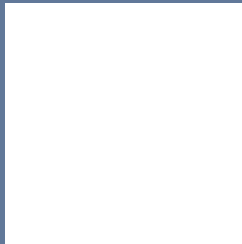
Any Text WCAG AAA × Fail

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

Hex 617899 Background



This preview shows how black text looks on a background with the Hex color 617899.

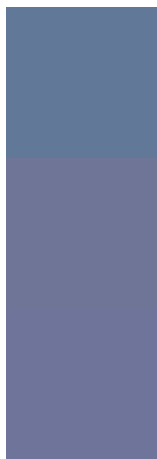


This preview shows how white text looks on a background with the Hex color 617899.

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
617899

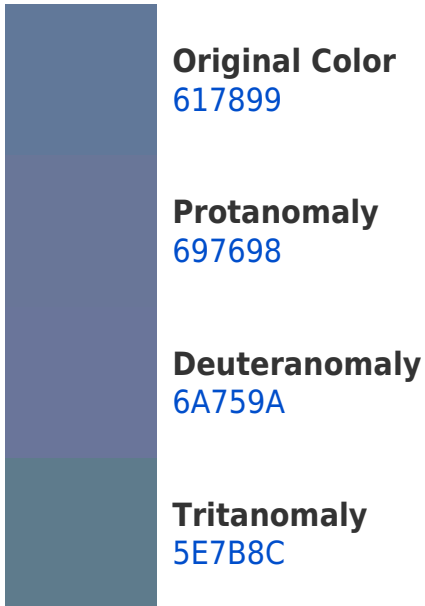
Protanopia
6E7597

Deuteranopia
6F749A



Tritanopia
5C7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 617899 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 #617899 looks like.

```
.text, #text, p{  
    color:#617899  
}
```

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 #617899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617899
}
```

Border

The CSS property to change the border of an element to Hex 617899 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
#617899 }
```

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

```
.border{ border-color:#617899 }
```

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

Here you see how a box with a 4 pixel #617899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617899; -webkit-box-shadow:4px 4px  
4px 4px #617899; box-shadow:4px 4px 4px  
4px #617899 }
```

Background

The CSS property to change the background color of an element to Hex 617899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617899 }
```

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

```
.background{ background-color:#617899 }
```

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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