

# Converting Colors

Hex(617999)

Have a look what the booklet for  
Hex(617999) contains.

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# Color

**Hex(617999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	617999
RGB	97, 121, 153
RGB Percent	38%, 47%, 60%
CMY	0.6196, 0.5255, 0.4000
CMYK	0.37, 0.21, 0.00, 0.40
HSL	214°, 22%, 49%
HSV	214°, 37%, 60%
XYZ	17.5169, 18.5160, 32.7877
YIQ	117.4720, -24.5760, 4.8640

# Conversions

## Conversions Part 2

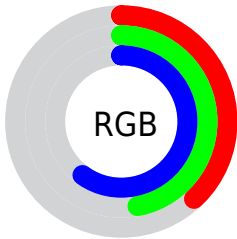
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 114, 153
Decimal	6388121
CIE Lab	50.12, -0.44, -20.06
CIE LCh	50, 20.066, 268.734
Yxy	18.5160, 0.2545, 0.2690
Android (android.graphics.Color)	4284578201 (0xFF617999)
YUV	117.4720, 17.5153, -17.9539
Hunter-Lab	43.0303, -2.6386, -15.0559

# Details

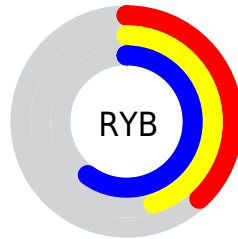
The Hex color **617999** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **998161**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95ADCF**, and **2F4966** is the 20% darker color. If you saturate the color by 10%, you get **527099**, and if you desaturate by 10%, it is **708299**.

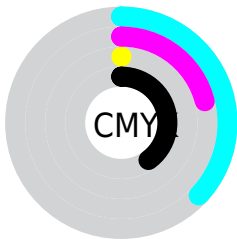
# Distribution



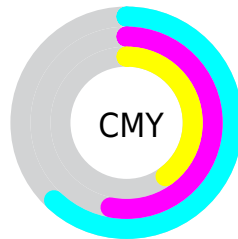
- Red (38%)
- Green (47%)
- Blue (60%)



- Red (38%)
- Yellow (45%)
- Blue (60%)



- Cyan (37%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (53%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617999 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 617999 by changing the saturation by 10% instead.



■ 617999

■ 617999

FFFFFF

■ 48607F

■ 95ADCF

■ 2F4966

■ B1C9EC

■ 16324E

■ CCE5FF

■ 001D37

■ E9FFFF

■ 000322

■ 000007

■ 000000

■ 617999

■ 617999

■ 527099

■ 708299

■ 426899

■ 808A99

■ 335F99

■ 8F9399

■ 245699

■ 9E9C99

■ 144D99

■ ADA599

■ 054599

■ BDAD99

■ 004299

■ CCB699

■ DBBF99

■ EBC899

# Harmonies

## Analogous

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



4C7E94



617999



797395

# Triad

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



617999



9A6C68



5F7F65

# Complementary

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



617999



998161

# 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.



727B59



617999



92705B

# Square

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



617999



986B79



847655



4D8176

# Rectangle

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



617999



876F8E



847655



657E60



# Sweetspot

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



617999



B1BAC7



619981



575C63



E3E3E3



636363



# Same Dimension

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



617999



6F95C7



656199



45484D



003C8C



00050D



# Inverse Universe

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



996179



C76F95



959961



4D4548



8C003C



0D0005



# Previews

## White Background



This preview shows how the Hex color 617999 looks on a white background.

## Color Contrast Check

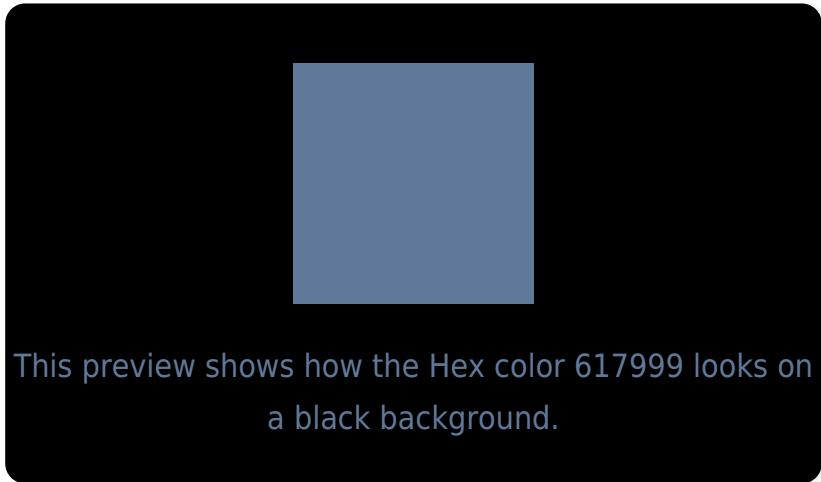
Large Text (above 18pt) WCAG AA ✓ Pass

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

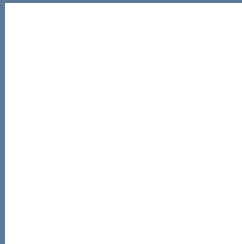
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 617999 Background



This preview shows how black text looks on a background with the Hex color 617999.



This preview shows how white text looks on a background with the Hex color 617999.

# 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





**Tritanopia**  
5C7C86

# Trichromacy



**Original Color**  
617999

**Protanomaly**  
6A7798

**Deuteranomaly**  
6B769A

**Tritanomaly**  
5E7B8D

# Monochromacy



**Original Color**  
617999

**Achromatopsia**  
757575

**Achromatomaly**  
6E7682

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617999 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 #617999 looks like.

```
.text, #text, p{  
    color:#617999  
}
```

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 #617999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617999
}
```

## Border

The CSS property to change the border of an element to Hex 617999 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
#617999 }
```

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

```
.border{ border-color:#617999 }
```

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

Here you see how a box with a 4 pixel #617999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617999; -webkit-box-shadow:4px 4px  
4px 4px #617999; box-shadow:4px 4px 4px  
4px #617999 }
```

# Background

The CSS property to change the background color of an element to Hex 617999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617999 }
```

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

```
.background{ background-color:#617999 }
```

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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