

Converting Colors

Hex(617A95)

Have a look what the booklet for
Hex(617A95) contains.

Hex(617A95)	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(617A95)

Conversions

Conversions Part 1

Format	Color
Hex	617A95
RGB	97, 122, 149
RGB Percent	38%, 48%, 58%
CMY	0.6196, 0.5216, 0.4157
CMYK	0.35, 0.18, 0.00, 0.42
HSL	211°, 21%, 48%
HSV	211°, 35%, 58%
XYZ	17.3141, 18.6304, 31.1172
YIQ	117.6030, -23.5670, 3.0970

Conversions

Conversions Part 2

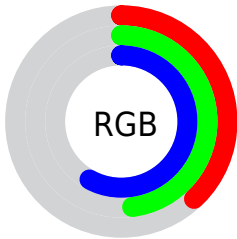
Format	Color
R _Y B	97, 114, 149
Decimal	6388373
CIE Lab	50.25, -2.13, -17.51
CIE LCh	50, 17.640, 263.061
Yxy	18.6304, 0.2582, 0.2778
Android (android.graphics.Color)	4284578453 (0xFF617A95)
YUV	117.6030, 15.4787, -18.0688
Hunter-Lab	43.1629, -3.9327, -12.5296

Details

The Hex color **617A95** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **957C61**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95AECB**, and **304A62** is the 20% darker color. If you saturate the color by 10%, you get **527295**, and if you desaturate by 10%, it is **708295**.

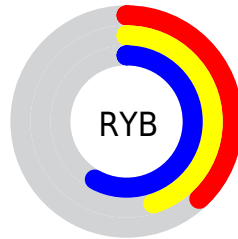
Distribution



Red (38%)

Green (48%)

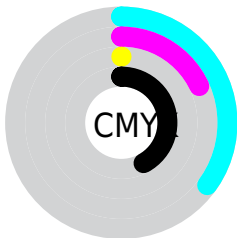
Blue (58%)



Red (38%)

Yellow (45%)

Blue (58%)

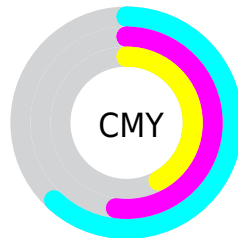


Cyan (35%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617A95 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 617A95 by changing the saturation by 10% instead.

617A95

617A95

FFFFFF

48617B

95AECB

304A62

B0CAE7

17334A

CCE6FF

001E34

E9FFFF

00031F

000002

000000

617A95

617A95

527295

708295

■ 436B95

■ 7F8995

■ 346395

■ 8E9195

■ 255B95

■ 9D9995

■ 165395

■ ABA195

■ 084C95

■ BAA895

■ 004895

■ C9B095

■ D8B895

■ E7C095

Harmonies

Analogous

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



517E8F



617A95



757593

Triad

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



617A95



966D6D



657E65

Complementary

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



617A95



957C61

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.



777A5C



617A95



927160

Square

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



617A95



936D7C



86755A



568073

Rectangle

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



617A95



82728E



86755A



6B7D61

Sweetspot

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



617A95



AEB8C2



61957C



555B61



E0E0E0



616161

Same Dimension

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



617A95



7098C2



626195



43464A



00428A



00050A

Inverse Universe

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



95617A



C27098



949561



4A4346



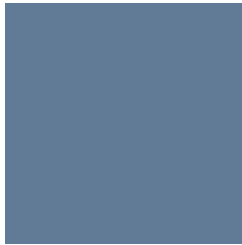
8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 617A95 looks on a white background.

Color Contrast Check

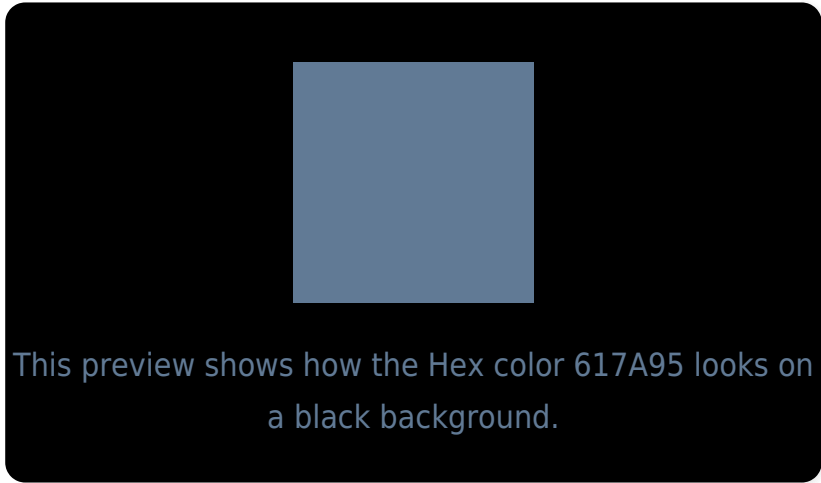
Large Text (above 18pt) WCAG AA ✓ Pass

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

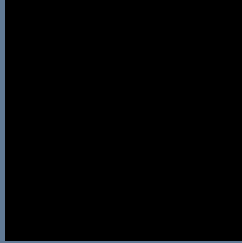
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

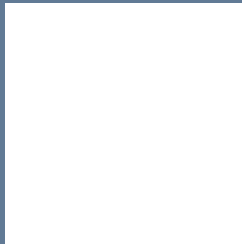
Any Text WCAG AAA × Fail

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

Hex 617A95 Background



This preview shows how black text looks on a background with the Hex color 617A95.

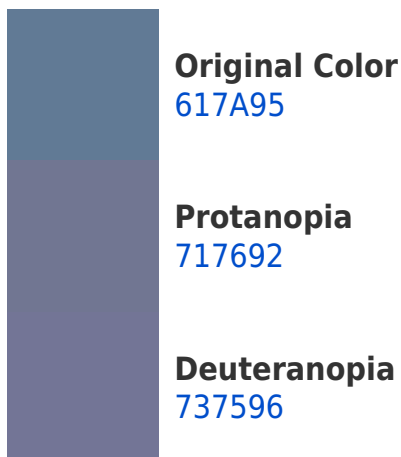



This preview shows how white text looks on a background with the Hex color 617A95.

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
5E7D87

Trichromacy



Original Color
617A95

Protanomaly
6B7793

Deuteranomaly
6C7796

Tritanomaly
5F7C8C

Monochromacy



Original Color
617A95

Achromatopsia
767676

Achromatomaly
6E7781

CSS Examples

Text

The CSS property to change the color of the text to Hex 617A95 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 #617A95 looks like.

```
.text, #text, p{  
    color:#617A95  
}
```

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 #617A95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617A95
}
```

Border

The CSS property to change the border of an element to Hex 617A95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

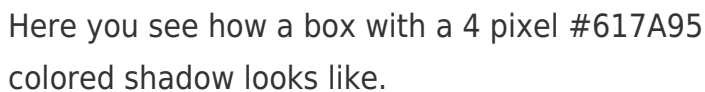
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617A95 }
```

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

```
.border{ border-color:#617A95 }
```

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



Here you see how a box with a 4 pixel #617A95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617A95; -webkit-box-shadow:4px 4px  
4px 4px #617A95; box-shadow:4px 4px 4px  
4px #617A95 }
```

Background

The CSS property to change the background color of an element to Hex 617A95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617A95 }
```

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

```
.background{ background-color:#617A95 }
```

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