

Converting Colors

Hex(617A70)

Have a look what the booklet for
Hex(617A70) contains.

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Color

Hex(617A70)

Conversions

Conversions Part 1

Format	Color
Hex	617A70
RGB	97, 122, 112
RGB Percent	38%, 48%, 44%
CMY	0.6196, 0.5216, 0.5608
CMYK	0.20, 0.00, 0.08, 0.52
HSL	156°, 11%, 43%
HSV	156°, 20%, 48%
XYZ	14.8139, 17.6303, 17.9514
YIQ	113.3850, -11.6900, -8.4100

Conversions

Conversions Part 2

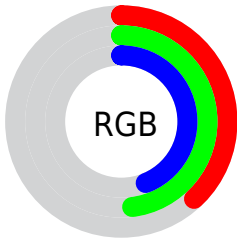
Format	Color
R_{YB}	97, 113, 122
Decimal	6388336
CIE _{Lab}	49.04, -11.29, 2.48
CIE _{LCh}	49, 11.554, 167.612
Yxy	17.6303, 0.2940, 0.3498
Android (android.graphics.Color)	4284578416 (0xFF617A70)
YUV	113.3850, -0.6828, -14.3696
Hunter-Lab	41.9885, -10.5033, 4.0435

Details

The Hex color **617A70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A616B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **94AEA4**, and **324940** is the 20% darker color. If you saturate the color by 10%, you get **557A6B**, and if you desaturate by 10%, it is **6D7A75**.

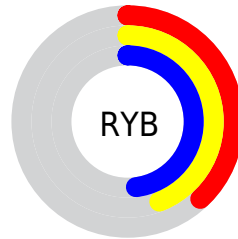
Distribution



Red (38%)

Green (48%)

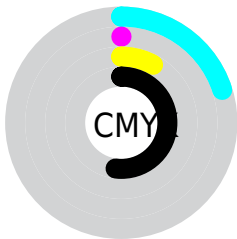
Blue (44%)



Red (38%)

Yellow (44%)

Blue (48%)

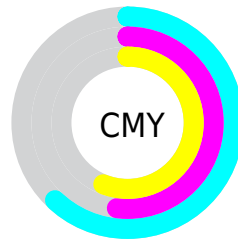


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617A70 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 617A70 by changing the saturation by 10% instead.

617A70

617A70

FFFFFF

496158

94AEA4

324940

AFCABF

1C332A

CAE6DB

061E16

E6FFF7

000000

617A70

617A70

557A6B

6D7A75

497A66

797A7A

3C7A61

867A7F

■ 307A5C

■ 927A84

■ 247A58

■ 9E7A88

■ 187A53

■ AA7A8D

■ 0C7A4E

■ B67A92

■ 007A49

■ C37A97

■ CF7A9C

Harmonies

Analogous

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



6B7867



617A70



5B7A7A

Triad

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



617A70



717387



877066

Complementary

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



617A70



7A616B

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.



896E6F



617A70



7D7082

Square

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



617A70



657787



866E79



807262

Rectangle

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



617A70



5B7A80



866E79



896F69

Sweetspot

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



617A70



959E9A



6B7A61



4A4F4D



CFCFCF



4F4F4F

Same Dimension

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



617A70



779E8E



61787A



373D3B



007D4B



00FC97

Inverse Universe

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



7A616B



9E7786



7A6361



3D373A



7D0032



FC0065

Previews

White Background



This preview shows how the Hex color 617A70 looks on a white background.

Color Contrast Check

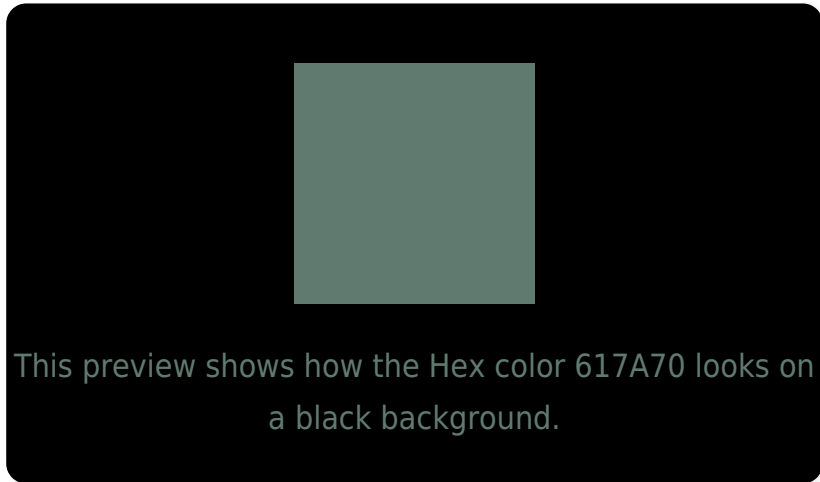
Large Text (above 18pt) WCAG AA ✓ Pass

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

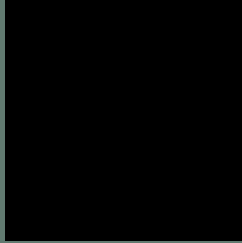
Any Text WCAG AA ✓ Pass

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 617A70 Background



This preview shows how black text looks on a background with the Hex color 617A70.



This preview shows how white text looks on a background with the Hex color 617A70.

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
617A70

Protanopia
78746D

Deuteranopia
807072



Tritanopia
647781

Trichromacy



Original Color
617A70

Protanomaly
70766E

Deuteranomaly
757471

Tritanomaly
63787B

Monochromacy



Original Color
617A70

Achromatopsia
717171

Achromatomaly
6B7471

CSS Examples

Text

The CSS property to change the color of the text to Hex 617A70 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 #617A70 looks like.

```
.text, #text, p{  
    color:#617A70  
}
```

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 #617A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617A70
}
```

Border

The CSS property to change the border of an element to Hex 617A70 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
#617A70 }
```

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

```
.border{ border-color:#617A70 }
```

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

Here you see how a box with a 4 pixel #617A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617A70; -webkit-box-shadow:4px 4px  
4px 4px #617A70; box-shadow:4px 4px 4px  
4px #617A70 }
```

Background

The CSS property to change the background color of an element to Hex 617A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617A70 }
```

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

```
.background{ background-color:#617A70 }
```

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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