

Converting Colors

Hex(617876)

Have a look what the booklet for
Hex(617876) contains.

Hex(617876)	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(617876)

Conversions

Conversions Part 1

Format	Color
Hex	617876
RGB	97, 120, 118
RGB Percent	38%, 47%, 46%
CMY	0.6196, 0.5294, 0.5373
CMYK	0.19, 0.00, 0.02, 0.53
HSL	175°, 11%, 43%
HSV	175°, 19%, 47%
XYZ	14.9163, 17.2823, 19.6892
YIQ	112.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

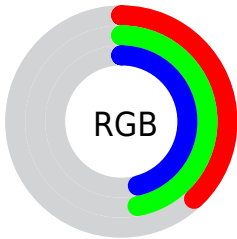
Format	Color
R_{YB}	97, 109, 120
Decimal	6387830
CIE _{Lab}	48.61, -8.81, -1.69
CIE _{LCh}	49, 8.972, 190.885
Yxy	17.2823, 0.2875, 0.3331
Android (android.graphics.Color)	4284577910 (0xFF617876)
YUV	112.8950, 2.5168, -13.9399
Hunter-Lab	41.5720, -8.7044, 1.0197

Details

The Hex color **617876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **786163**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **94ACAA**, and **324846** is the 20% darker color. If you saturate the color by 10%, you get **557875**, and if you desaturate by 10%, it is **6D7877**.

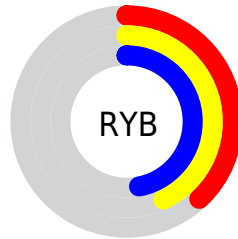
Distribution



Red (38%)

Green (47%)

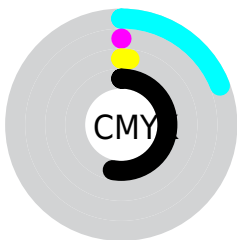
Blue (46%)



Red (38%)

Yellow (43%)

Blue (47%)

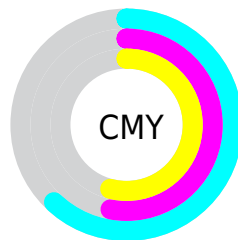


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 617876 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 617876 by changing the saturation by 10% instead.

■ 617876

■ 617876

FFFFFF

■ 495F5D

■ 94ACAA

■ 324846

■ AFC8C5

■ 1C3130

■ CAE4E1

■ 061C1B

■ E6FFFE

■ 000000

■ 617876

■ 617876

■ 557875

■ 6D7877

■ 497874

■ 797878

■ 3D7873

■ 857879

■ 317872

■ 91787A

■ 257871

■ 9D787B

■ 197870

■ A9787C

■ 0D786F

■ B5787D

■ 01786E

■ C1787E

■ 00786E

■ CD787F

Harmonies

Analogous

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



66786E



617876



61777D

Triad

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



617876



78717F



7E7165

Complementary

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



617876



786163

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.



836F6A



617876



806F79

Square

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



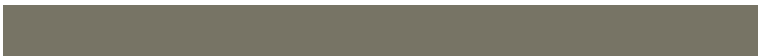
617876



6F7382



846E71



777465

Rectangle

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



617876



647680



846E71



807166

Sweetspot

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



617876



929C9B



637861



4A4F4F



CFCFCF



4F4F4F

Same Dimension

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



617876



789C98



616F78



373D3D



007D72



00FCE6

Inverse Universe

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



786163



9C787B



786A61



3D3738



7D000B



FC0016

Previews

White Background



This preview shows how the Hex color 617876 looks on a white background.

Color Contrast Check

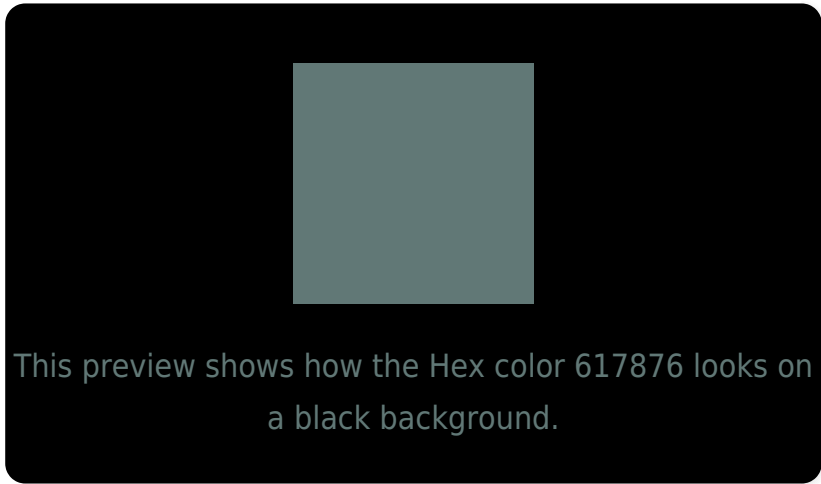
Large Text (above 18pt) WCAG AA ✓ Pass

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

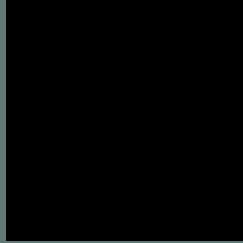
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 617876 Background



This preview shows how black text looks on a background with the Hex color 617876.

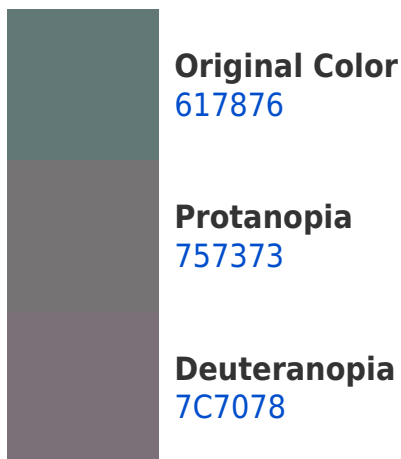


This preview shows how white text looks on a background with the Hex color 617876.

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
637680

Trichromacy



Original Color
617876

Protanomaly
6E7574

Deuteranomaly
727377

Tritanomaly
62777C

Monochromacy



Original Color
617876

Achromatopsia
717171

Achromatomaly
6B7473

CSS Examples

Text

The CSS property to change the color of the text to Hex 617876 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 #617876 looks like.

```
.text, #text, p{  
    color:#617876  
}
```

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 #617876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617876
}
```

Border

The CSS property to change the border of an element to Hex 617876 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".

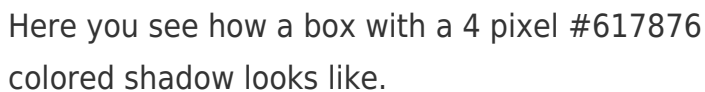
```
.border, #border, table{ border:4px solid
#617876 }
```

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

```
.border{ border-color:#617876 }
```

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

Here you see how a box with a 4 pixel #617876 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617876; -webkit-box-shadow:4px 4px  
4px 4px #617876; box-shadow:4px 4px 4px  
4px #617876 }
```

Background

The CSS property to change the background color of an element to Hex 617876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617876 }
```

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

```
.background{ background-color:#617876 }
```

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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