

Converting Colors

Hex(01617B)

Have a look what the booklet for
Hex(01617B) contains.

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Color

Hex(01617B)

Conversions

Conversions Part 1

Format	Color
Hex	01617B
RGB	1, 97, 123
RGB Percent	0%, 38%, 48%
CMY	0.9961, 0.6196, 0.5176
CMYK	0.99, 0.21, 0.00, 0.52
HSL	193°, 98%, 24%
HSV	193°, 99%, 48%
XYZ	7.8624, 9.9859, 20.2520
YIQ	71.2600, -65.5620, -12.2660

Conversions

Conversions Part 2

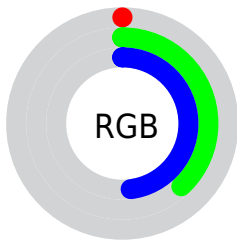
Format	Color
RYB	1, 55, 123
Decimal	90491
CIELab	37.82, -14.11, -21.38
CIElCh	38, 25.614, 236.570
Yxy	9.9859, 0.2064, 0.2621
Android (android.graphics.Color)	4278280571 (0xFF01617B)
YUV	71.2600, 25.5078, -61.6180
Hunter-Lab	31.6005, -10.8891, -15.8772

Details

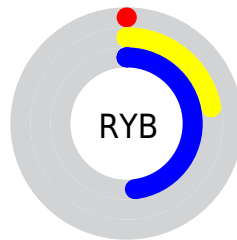
The Hex color **01617B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7B1B01**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4D94B0**, and **00334A** is the 20% darker color. If you saturate the color by 10%, you get **00617B**, and if you desaturate by 10%, it is **0D647B**.

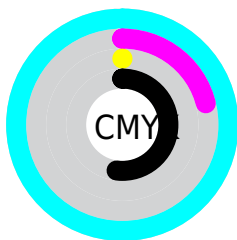
Distribution



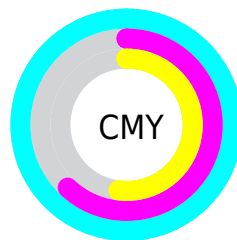
- Red (0%)
- Green (38%)
- Blue (48%)



- Red (0%)
- Yellow (22%)
- Blue (48%)



- Cyan (99%)
- Magenta (21%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01617B 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 01617B by changing the saturation by 10% instead.

01617B

01617B

FFFFFF

004962

4D94B0

00334A

69AECB

001E33

85CAE7

00021E

A1E6FF

000001

BEFFFF

000000

DBFFFF

F8FFFF

01617B

01617B

■ 00617B

■ 0D647B

■ 1A667B

■ 26697B

■ 326B7B

■ 3E6E7B

■ 4B717B

■ 57737B

■ 63767B

■ 70797B

Harmonies

Analogous

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



00646B



01617B



355C82

Triad

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



01617B



7F495C



535D33

Complementary

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



01617B



7B1B01

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.



68572F



01617B



814A48

Square

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



01617B



714D70



785037



3B6241

Rectangle

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



01617B



4D5781



785037



5B5B31

Sweetspot

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



01617B



7096A1



017B19



344B52



D1D1D1



525252

Same Dimension

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



01617B



007EA1



01267B



373C3D



00627D



00C7FC

Inverse Universe

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



7B0161



A1007E



7B5601



3D373C



7D0062



FC00C7

Previews

White Background



This preview shows how the Hex color 01617B looks on a white background.

Color Contrast Check

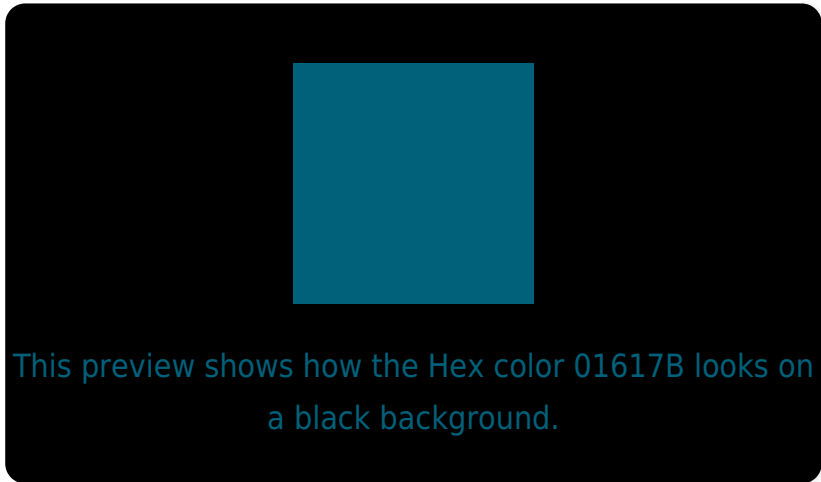
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

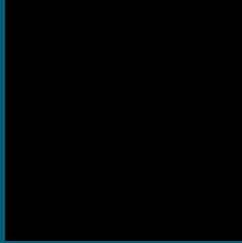
Any Text WCAG AA × Fail

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 01617B Background



This preview shows how black text looks on a background with the Hex color 01617B.

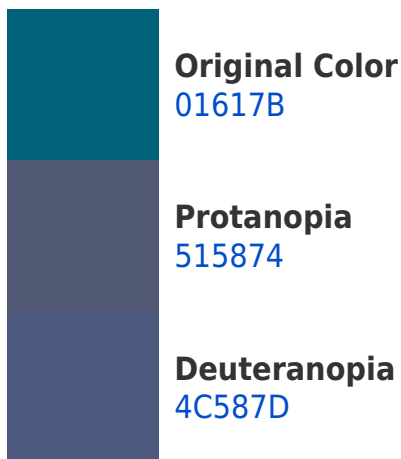


This preview shows how white text looks on a background with the Hex color 01617B.

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](#).

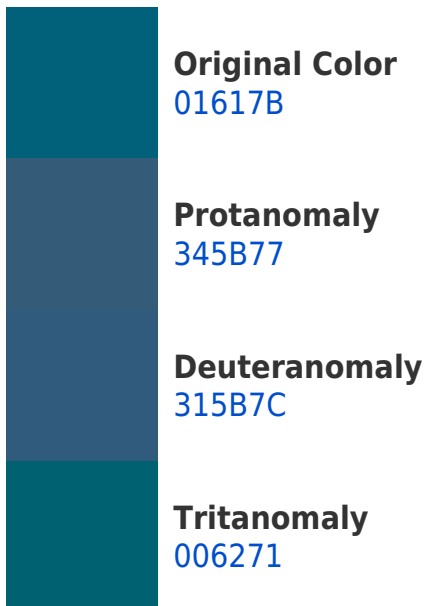
Dichromacy



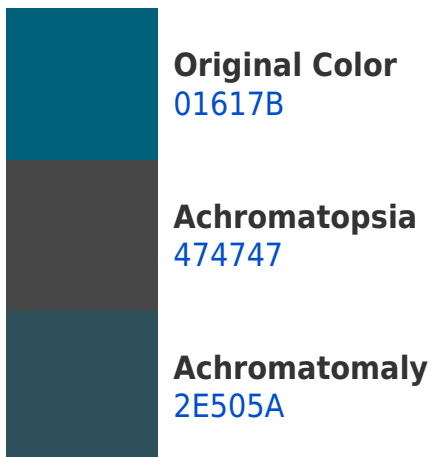


Tritanopia
00636B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 01617B 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 #01617B looks like.

```
.text, #text, p{  
    color:#01617B  
}
```

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 #01617B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01617B
}
```

Border

The CSS property to change the border of an element to Hex 01617B 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
#01617B }
```

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

```
.border{ border-color:#01617B }
```

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

Here you see how a box with a 4 pixel #01617B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01617B; -webkit-box-shadow:4px 4px  
4px 4px #01617B; box-shadow:4px 4px 4px  
4px #01617B }
```

Background

The CSS property to change the background color of an element to Hex 01617B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01617B }
```

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

```
.background{ background-color:#01617B }
```

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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