

Converting Colors

Hex(12717B)

Have a look what the booklet for
Hex(12717B) contains.

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Color

Hex(12717B)

Conversions

Conversions Part 1

Format	Color
Hex	12717B
RGB	18, 113, 123
RGB Percent	7%, 44%, 48%
CMY	0.9294, 0.5569, 0.5176
CMYK	0.85, 0.08, 0.00, 0.52
HSL	186°, 74%, 28%
HSV	186°, 85%, 48%
XYZ	9.7297, 13.3689, 20.8065
YIQ	85.7350, -59.8300, -17.0300

Conversions

Conversions Part 2

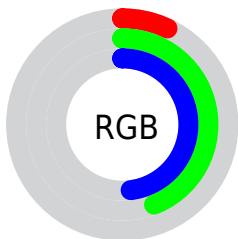
Format	Color
RYB	18, 68, 123
Decimal	1208699
CIELab	43.31, -21.77, -12.93
CIELCh	43, 25.319, 210.716
Yxy	13.3689, 0.2216, 0.3045
Android (android.graphics.Color)	4279398779 (0xFF12717B)
YUV	85.7350, 18.3716, -59.4036
Hunter-Lab	36.5635, -16.4864, -8.1446

Details

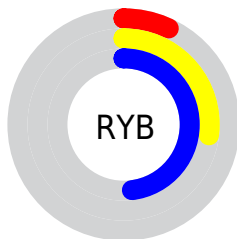
The Hex color **12717B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B1C12**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **54A5AF**, and **00414A** is the 20% darker color. If you saturate the color by 10%, you get **06707B**, and if you desaturate by 10%, it is **1E727B**.

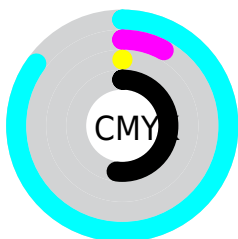
Distribution



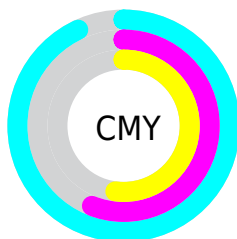
- Red (7%)
- Green (44%)
- Blue (48%)



- Red (7%)
- Yellow (27%)
- Blue (48%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (52%)



- Cyan (93%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12717B 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 12717B by changing the saturation by 10% instead.

 12717B

 12717B

FFFFFF

 005862

 54A5AF

 00414A

 70C0CB

 002A34

 8CDCE7

 00151F

 A9F9FF

 000003

 C6FFFF

 000000

 E3FFFF

 12717B

 12717B

 06707B

 1E727B

■ 006F7B

■ 2B737B

■ 37757B

■ 43767B

■ 50777B

■ 5C787B

■ 68797B

■ 747A7B

■ 817C7B

Harmonies

Analogous

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



297266



12717B



256E8A

Triad

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



12717B



815A7B



74653C

Complementary

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



12717B



7B1C12

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.



855E42



12717B



8E5667

Square

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



12717B



69618A



8E5852



5E6B42

Rectangle

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



12717B



3D6A8F



8E5852



7A633D

Sweetspot

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



12717B



779DA1



127B1B



384F52



D1D1D1



525252

Same Dimension

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



12717B



0091A1



123E7B



373D3D



00717D



00E4FC

Inverse Universe

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



7B1271



A10091



7B4F12



3D373D



7D0071



FC00E4

Previews

White Background



This preview shows how the Hex color 12717B looks on a white background.

Color Contrast Check

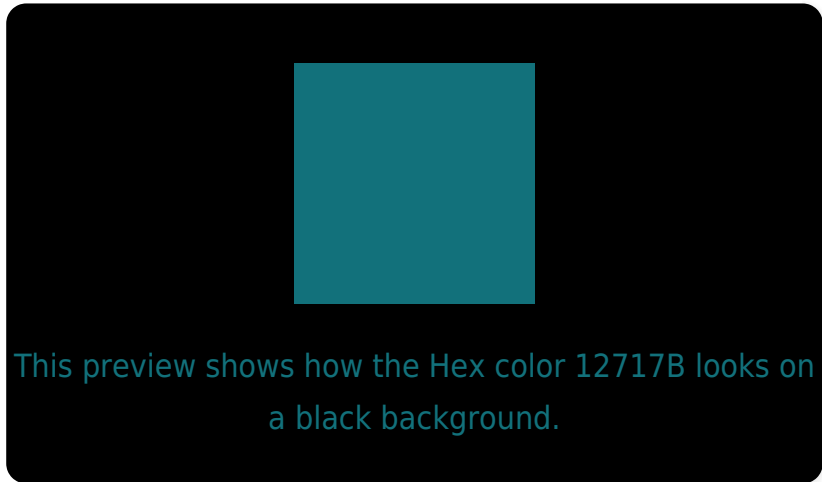
Large Text (above 18pt) WCAG AA ✓ Pass

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

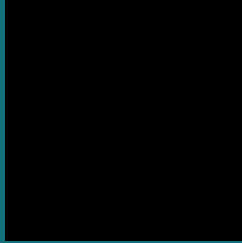
Any Text WCAG AA × Fail

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 12717B Background



This preview shows how black text looks on a background with the Hex color 12717B.

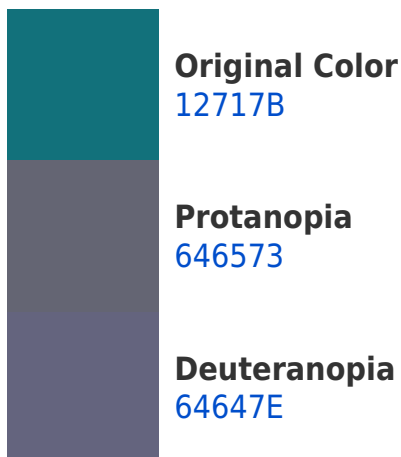


This preview shows how white text looks on a background with the Hex color 12717B.

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
11717A

Trichromacy



Original Color
12717B

Protanomaly
466976

Deuteranomaly
46697D

Tritanomaly
11717A

Monochromacy



Original Color
12717B

Achromatopsia
565656

Achromatomaly
3D6063

CSS Examples

Text

The CSS property to change the color of the text to Hex 12717B 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 #12717B looks like.

```
.text, #text, p{  
    color:#12717B  
}
```

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 #12717B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12717B
}
```

Border

The CSS property to change the border of an element to Hex 12717B 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
#12717B }
```

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

```
.border{ border-color:#12717B }
```

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

Here you see how a box with a 4 pixel #12717B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12717B; -webkit-box-shadow:4px 4px  
4px 4px #12717B; box-shadow:4px 4px 4px  
4px #12717B }
```

Background

The CSS property to change the background color of an element to Hex 12717B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12717B }
```

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

```
.background{ background-color:#12717B }
```

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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