

Converting Colors

Hex(10827B)

Have a look what the booklet for
Hex(10827B) contains.

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Color

Hex(10827B)

Conversions

Conversions Part 1

Format	Color
Hex	10827B
RGB	16, 130, 123
RGB Percent	6%, 51%, 48%
CMY	0.9373, 0.4902, 0.5176
CMYK	0.88, 0.00, 0.05, 0.49
HSL	176°, 78%, 29%
HSV	176°, 88%, 51%
XYZ	11.7715, 17.5055, 21.4974
YIQ	95.1160, -65.6970, -26.3450

Conversions

Conversions Part 2

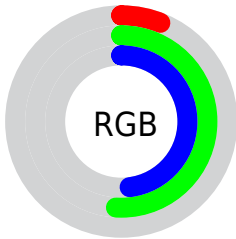
Format	Color
RYB	16, 75, 130
Decimal	1081979
CIELab	48.89, -30.47, -4.58
CIElCh	49, 30.813, 188.544
Yxy	17.5055, 0.2318, 0.3448
Android (android.graphics.Color)	4279272059 (0xFF10827B)
YUV	95.1160, 13.7468, -69.3847
Hunter-Lab	41.8396, -22.9986, -1.1758

Details

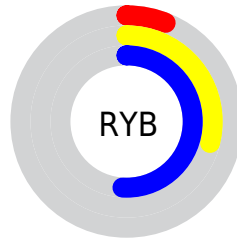
The Hex color **10827B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **821017**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **56B8AF**, and **00504A** is the 20% darker color. If you saturate the color by 10%, you get **03827A**, and if you desaturate by 10%, it is **1D827C**.

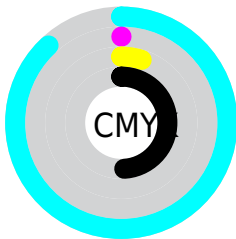
Distribution



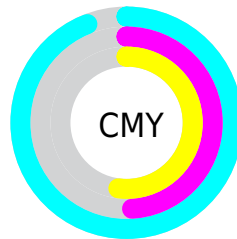
- Red (6%)
- Green (51%)
- Blue (48%)



- Red (6%)
- Yellow (29%)
- Blue (51%)



- Cyan (88%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (94%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10827B 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 10827B by changing the saturation by 10% instead.

 10827B

 10827B

FFFFFF

 006862

 56B8AF

 00504A

 73D3CB

 003834

 90F0E7

 00241F

 ACFFFF

 000006

 CAFFFF

 000000

 E7FFFF

 10827B

 10827B

 03827A

 1D827C

■ 00827A

■ 2A827D

■ 37827D

■ 44827E

■ 51827F

■ 5E8280

■ 6B8281

■ 788281

■ 858282

Harmonies

Analogous

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



408060



10827B



008194

Triad

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



10827B



816B9D



956C44

Complementary

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



10827B



821017

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.



A36455



10827B



9B6288

Square

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



10827B



5A74A8



A65F6E



7E7540

Rectangle

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



10827B



0B7EA0



A65F6E



9B6948

Sweetspot

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



10827B



7DA8A6



188210



3A5453



D4D4D4



545454

Same Dimension

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



10827B



00A89E



105182



39403F



008078



000000

Inverse Universe

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



821017



A8000A



824110



40393A



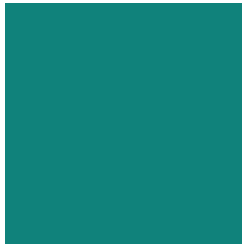
800008



000000

Previews

White Background



This preview shows how the Hex color 10827B looks on a white background.

Color Contrast Check

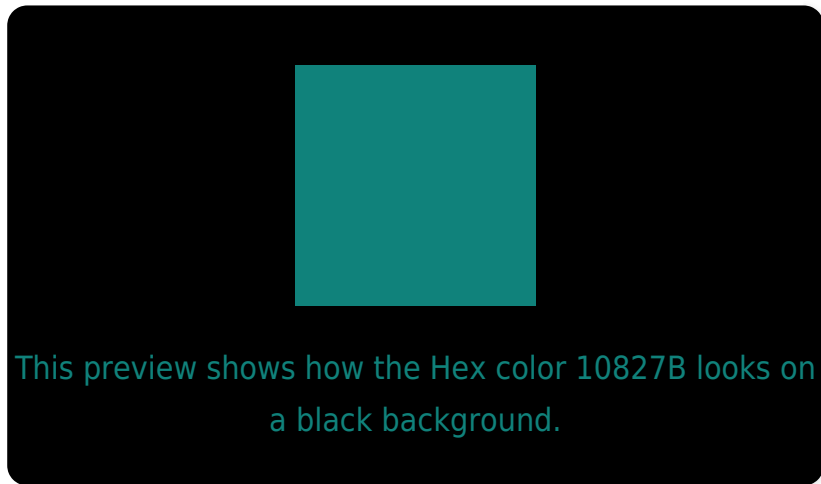
Large Text (above 18pt) WCAG AA ✓ Pass

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

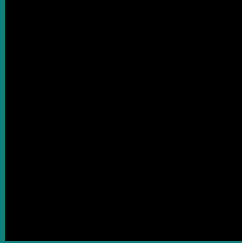
Any Text WCAG AA ✓ Pass

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 10827B Background



This preview shows how black text looks on a background with the Hex color 10827B.

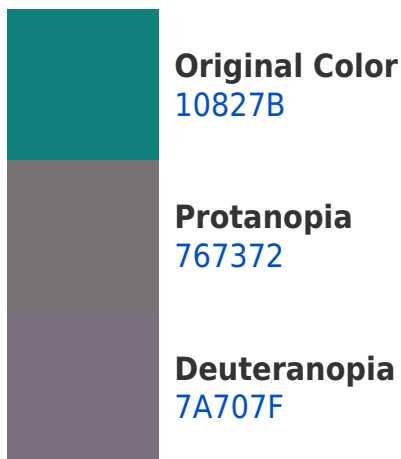


This preview shows how white text looks on a background with the Hex color 10827B.

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
21808A

Trichromacy



Original Color
10827B

Protanomaly
517875

Deuteranomaly
53777E

Tritanomaly
1B8185

Monochromacy



Original Color
10827B

Achromatopsia
5F5F5F

Achromatomaly
426C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 10827B 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 #10827B looks like.

```
.text, #text, p{  
    color:#10827B  
}
```

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 #10827B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10827B
}
```

Border

The CSS property to change the border of an element to Hex 10827B 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
#10827B }
```

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

```
.border{ border-color:#10827B }
```

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

Here you see how a box with a 4 pixel #10827B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10827B; -webkit-box-shadow:4px 4px  
4px 4px #10827B; box-shadow:4px 4px 4px  
4px #10827B }
```

Background

The CSS property to change the background color of an element to Hex 10827B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10827B }
```

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

```
.background{ background-color:#10827B }
```

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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