

# Converting Colors

Hex(18727D)

Have a look what the booklet for  
Hex(18727D) contains.

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# Color

**Hex(18727D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18727D
RGB	24, 114, 125
RGB Percent	9%, 45%, 49%
CMY	0.9059, 0.5529, 0.5098
CMYK	0.81, 0.09, 0.00, 0.51
HSL	187°, 68%, 29%
HSV	187°, 81%, 49%
XYZ	10.0957, 13.7095, 21.5161
YIQ	88.3440, -57.1710, -15.6590

# Conversions

## Conversions Part 2

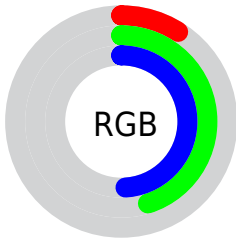
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 72, 125
Decimal	1602173
CIE <sub>Lab</sub>	43.81, -21.02, -13.37
CIE <sub>LCh</sub>	44, 24.912, 212.447
Yxy	13.7095, 0.2228, 0.3025
Android (android.graphics.Color)	4279792253 (0xFF18727D)
<b>YUV</b>	88.3440, 18.0714, -56.4297
Hunter-Lab	37.0263, -16.1259, -8.5352

# Details

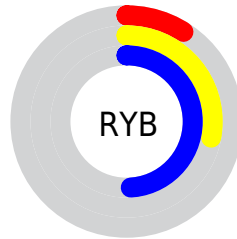
The Hex color **18727D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D2318**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **57A6B2**, and **00424C** is the 20% darker color. If you saturate the color by 10%, you get **0C717D**, and if you desaturate by 10%, it is **25737D**.

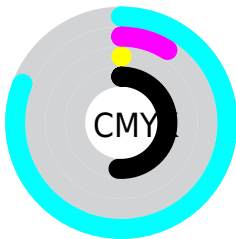
# Distribution



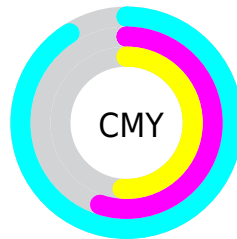
- Red (9%)
- Green (45%)
- Blue (49%)



- Red (9%)
- Yellow (28%)
- Blue (49%)



- Cyan (81%)
- Magenta (9%)
- Yellow (0%)
- Black (51%)



- Cyan (91%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18727D 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 18727D by changing the saturation by 10% instead.



 18727D

 18727D

FFFFFF

 005964

 57A6B2

 00424C

 73C1CD

 002B35

 8FDDE9

 001720

 ACFAFF

 000007

 C8FFFF

 000000

 E6FFFF

 18727D

 18727D

 0C717D

 25737D

■ 006F7D

■ 31757D

■ 3D767D

■ 4A777D

■ 56797D

■ 637A7D

■ 707C7D

■ 7C7D7D

■ 897E7D

# Harmonies

## Analogous

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



2B7369



18727D



2B6F8C

# Triad

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



18727D



835B7B



74673E

# Complementary

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



18727D



7D2318

# 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.



856043



18727D



8F5867

# Square

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



18727D



6C628A



8F5A52



5E6D44

# Rectangle

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



18727D



426B90



8F5A52



7A643F



# Sweetspot

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



18727D



7C9FA3



187D22



3A4F52



D1D1D1



525252



# Same Dimension

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



18727D



0592A3



18407D



393F40



007280



000000



# Inverse Universe

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



7D1872



A30592



7D5518



40393F



800072

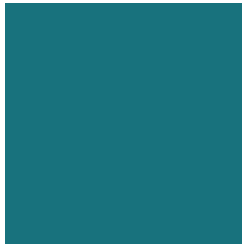


000000



# Previews

## White Background



This preview shows how the Hex color 18727D looks on a white background.

## Color Contrast Check

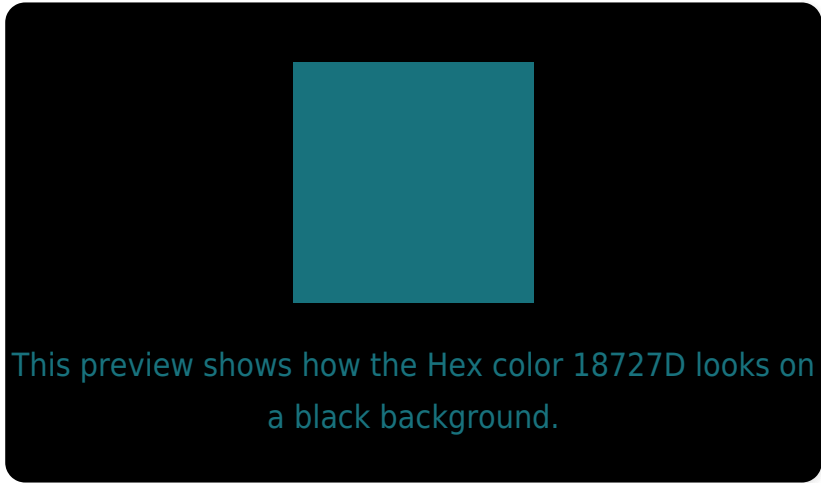
Large Text (above 18pt) WCAG AA ✓ Pass

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

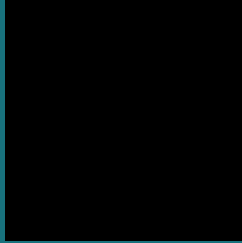
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 18727D Background



This preview shows how black text looks on a background with the Hex color 18727D.

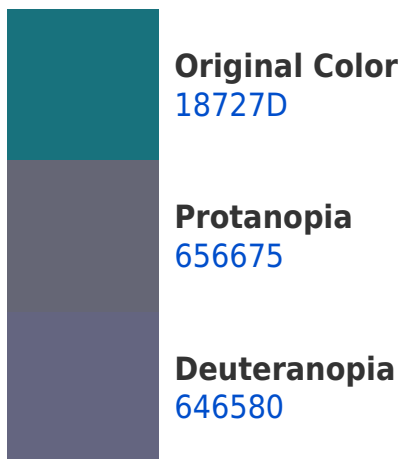


This preview shows how white text looks on a background with the Hex color 18727D.

# 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](#).

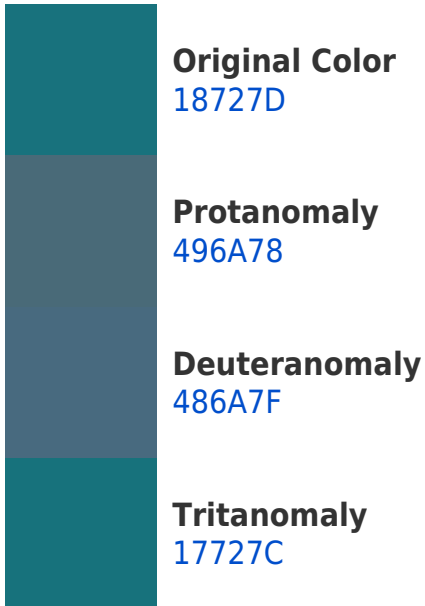
## Dichromacy



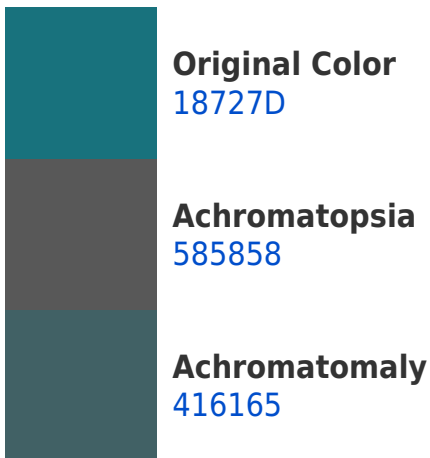


**Tritanopia**  
16727C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18727D 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 #18727D looks like.

```
.text, #text, p{  
    color:#18727D  
}
```

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 #18727D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18727D
}
```

## Border

The CSS property to change the border of an element to Hex 18727D 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
#18727D }
```

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

```
.border{ border-color:#18727D }
```

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

Here you see how a box with a 4 pixel #18727D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18727D; -webkit-box-shadow:4px 4px  
4px 4px #18727D; box-shadow:4px 4px 4px  
4px #18727D }
```

# Background

The CSS property to change the background color of an element to Hex 18727D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18727D }
```

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

```
.background{ background-color:#18727D }
```

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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