

Converting Colors

Hex(17877A)

Have a look what the booklet for
Hex(17877A) contains.

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Color

Hex(17877A)

Conversions

Conversions Part 1

Format	Color
Hex	17877A
RGB	23, 135, 122
RGB Percent	9%, 53%, 48%
CMY	0.9098, 0.4706, 0.5216
CMYK	0.83, 0.00, 0.10, 0.47
HSL	173°, 71%, 31%
HSV	173°, 83%, 53%
XYZ	12.5302, 18.9152, 21.4030
YIQ	100.0300, -62.5790, -27.7870

Conversions

Conversions Part 2

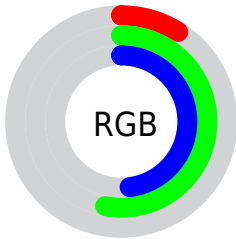
Format	Color
RYB	23, 82, 135
Decimal	1542010
CIELab	50.59, -32.54, -1.48
CIELCh	51, 32.577, 182.606
Yxy	18.9152, 0.2371, 0.3579
Android (android.graphics.Color)	4279732090 (0xFF17877A)
YUV	100.0300, 10.8312, -67.5553
Hunter-Lab	43.4917, -24.6836, 1.2666

Details

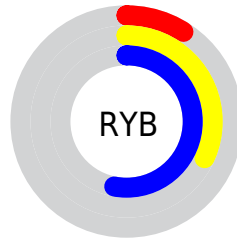
The Hex color **17877A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **871724**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5ABDAE**, and **00544A** is the 20% darker color. If you saturate the color by 10%, you get **0A8778**, and if you desaturate by 10%, it is **25877C**.

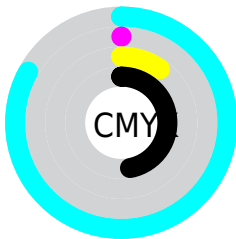
Distribution



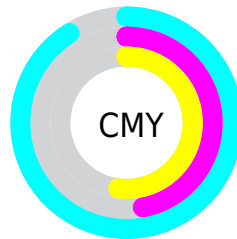
- Red (9%)
- Green (53%)
- Blue (48%)



- Red (9%)
- Yellow (32%)
- Blue (53%)



- Cyan (83%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17877A 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 17877A by changing the saturation by 10% instead.

 17877A

 17877A

FFFFFF

 006D61

 5ABDAE

 00544A

 77D9CA

 003D33

 93F6E6

 00271E

 B0FFFF

 000406

 CDFFFF

 000000

 EBFFFF

 17877A

 17877A

 0A8778

 25877C

■ 008777

■ 32877D

■ 3F877F

■ 4D8780

■ 5B8782

■ 688783

■ 768785

■ 838787

■ 918788

Harmonies

Analogous

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



48855E



17877A



008695

Triad

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



17877A



7E70A7



9F6E48

Complementary

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



17877A



871724

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.



AC655C



17877A



9D6792

Square

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



17877A



527AB0



AC6277



887840

Rectangle

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



17877A



0084A4



AC6277



A46B4D

Sweetspot

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



17877A



84B0AB



248717



3E5956



D9D9D9



595959

Same Dimension

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



17877A



00B09C



175C87



3C4242



008273



000302

Inverse Universe

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



871724



B00014



874217



423C3C



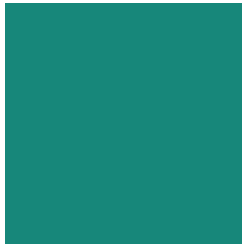
82000F



030000

Previews

White Background



This preview shows how the Hex color 17877A looks on a white background.

Color Contrast Check

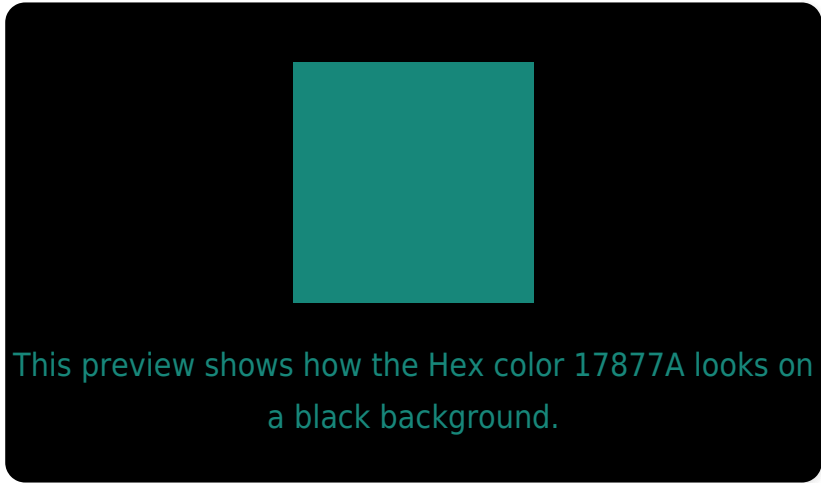
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

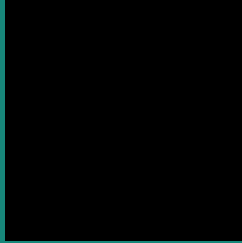
Any Text WCAG AA ✓ Pass

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 17877A Background



This preview shows how black text looks on a background with the Hex color 17877A.

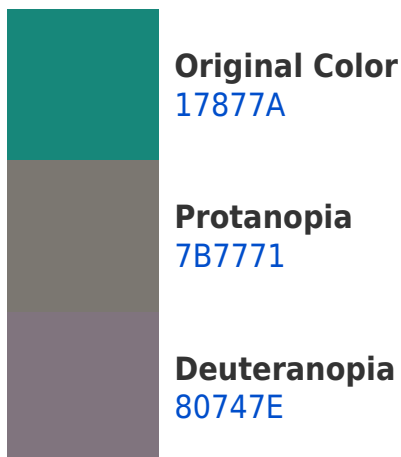


This preview shows how white text looks on a background with the Hex color 17877A.

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
28848F

Trichromacy



Original Color
17877A

Protanomaly
577D74

Deuteranomaly
5A7B7D

Tritanomaly
228587

Monochromacy



Original Color
17877A

Achromatopsia
646464

Achromatomaly
48716C

CSS Examples

Text

The CSS property to change the color of the text to Hex 17877A 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 #17877A looks like.

```
.text, #text, p{  
    color:#17877A  
}
```

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 #17877A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17877A
}
```

Border

The CSS property to change the border of an element to Hex 17877A 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
#17877A }
```

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

```
.border{ border-color:#17877A }
```

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

Here you see how a box with a 4 pixel #17877A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17877A; -webkit-box-shadow:4px 4px  
4px 4px #17877A; box-shadow:4px 4px 4px  
4px #17877A }
```

Background

The CSS property to change the background color of an element to Hex 17877A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17877A }
```

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

```
.background{ background-color:#17877A }
```

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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