

Converting Colors

Hex(128B7F)

Have a look what the booklet for
Hex(128B7F) contains.

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Color

Hex(128B7F)

Conversions

Conversions Part 1

Format	Color
Hex	128B7F
RGB	18, 139, 127
RGB Percent	7%, 55%, 50%
CMY	0.9294, 0.4549, 0.5020
CMYK	0.87, 0.00, 0.09, 0.45
HSL	174°, 77%, 31%
HSV	174°, 87%, 55%
XYZ	13.3128, 20.1261, 23.2617
YIQ	101.4530, -68.2640, -29.3840

Conversions

Conversions Part 2

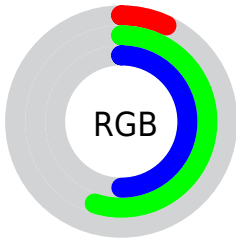
Format	Color
RYB	18, 82, 139
Decimal	1215359
CIELab	51.98, -33.35, -2.36
CIELCh	52, 33.433, 184.040
Yxy	20.1261, 0.2348, 0.3550
Android (android.graphics.Color)	4279405439 (0xFF128B7F)
YUV	101.4530, 12.5947, -73.1883
Hunter-Lab	44.8622, -25.5390, 0.6607

Details

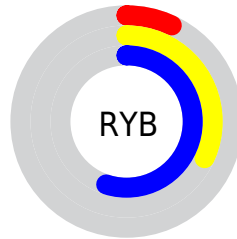
The Hex color **128B7F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8B121E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **59C1B4**, and **00584E** is the 20% darker color. If you saturate the color by 10%, you get **048B7E**, and if you desaturate by 10%, it is **208B80**.

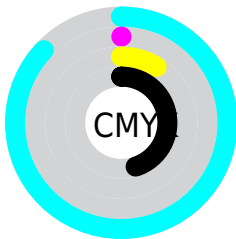
Distribution



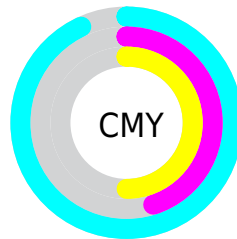
- Red (7%)
- Green (55%)
- Blue (50%)



- Red (7%)
- Yellow (32%)
- Blue (55%)



- Cyan (87%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (93%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 128B7F 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 128B7F by changing the saturation by 10% instead.

 128B7F

 128B7F

FFFFFF

 007166

 59C1B4

 00584E

 77DDCF

 004037

 93FAEB

 002A22

 B0FFFF

 000E0C

 CDFFFF

 000000

 EBFFFF

 128B7F

 128B7F

 048B7E

 208B80

■ 00B7D

■ 2E8B82

■ 3C8B83

■ 4A8B85

■ 578B86

■ 658B87

■ 738B89

■ 818B8A

■ 8F8B8B

Harmonies

Analogous

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



488962



128B7F



008A9B

Triad

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



128B7F



8473AB



A27249

Complementary

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



128B7F



8B121E

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.



B1695D



128B7F



A36996

Square

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



128B7F



567EB5



B26579



8A7C42

Rectangle

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



128B7F



0087AA



B26579



A86E4F

Sweetspot

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



128B7F



86B5B0



1E8B12



3F5C59



DBDBDB



5C5C5C

Same Dimension

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



128B7F



00B5A3



125B8B



3E4544



008577



000505

Inverse Universe

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



8B121E



B50012



8B4212



453E3F



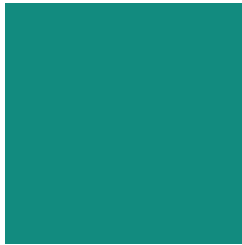
85000D



050001

Previews

White Background



This preview shows how the Hex color 128B7F looks on a white background.

Color Contrast Check

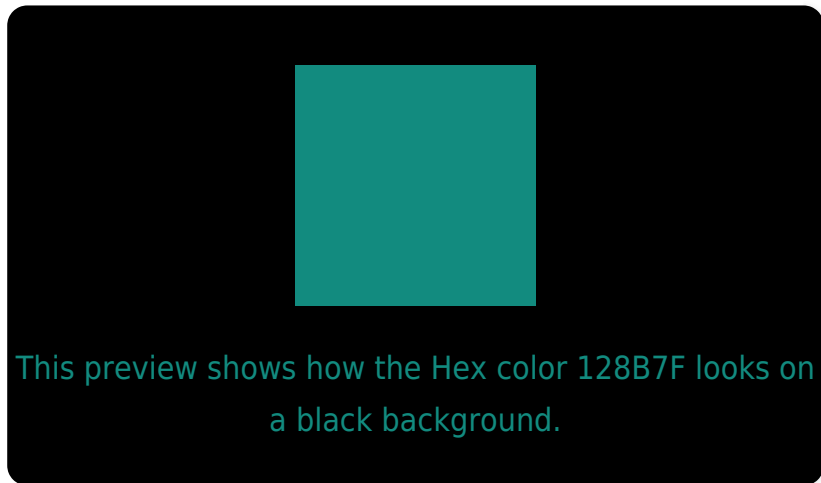
Large Text (above 18pt) WCAG AA ✓ Pass

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

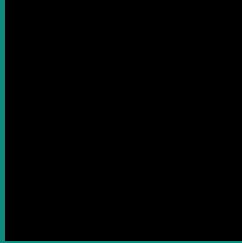
Any Text WCAG AA ✓ Pass

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 128B7F Background



This preview shows how black text looks on a background with the Hex color 128B7F.

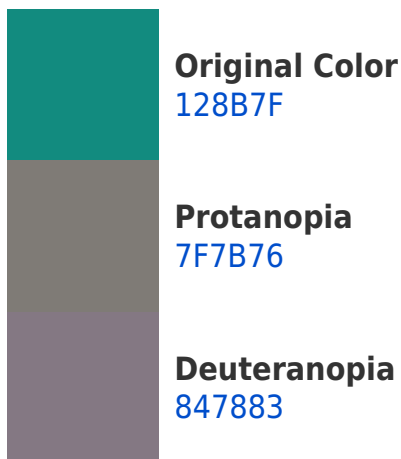


This preview shows how white text looks on a background with the Hex color 128B7F.

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
268893

Trichromacy



Original Color
128B7F

Protanomaly
578179

Deuteranomaly
5B7F82

Tritanomaly
1F898C

Monochromacy



Original Color
128B7F

Achromatopsia
656565

Achromatomaly
47736E

CSS Examples

Text

The CSS property to change the color of the text to Hex 128B7F 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 #128B7F looks like.

```
.text, #text, p{  
  color:#128B7F  
}
```

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 #128B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #128B7F
}
```

Border

The CSS property to change the border of an element to Hex 128B7F 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
#128B7F }
```

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

```
.border{ border-color:#128B7F }
```

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

Here you see how a box with a 4 pixel #128B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #128B7F; -webkit-box-shadow:4px 4px  
4px 4px #128B7F; box-shadow:4px 4px 4px  
4px #128B7F }
```

Background

The CSS property to change the background color of an element to Hex 128B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#128B7F }
```

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

```
.background{ background-color:#128B7F }
```

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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