

Converting Colors

Hex(108E88)

Have a look what the booklet for
Hex(108E88) contains.

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Color

Hex(108E88)

Conversions

Conversions Part 1

Format	Color
Hex	108E88
RGB	16, 142, 136
RGB Percent	6%, 56%, 53%
CMY	0.9373, 0.4431, 0.4667
CMYK	0.89, 0.00, 0.04, 0.44
HSL	177°, 80%, 31%
HSV	177°, 89%, 56%
XYZ	14.3306, 21.2337, 26.6358
YIQ	103.6420, -73.1700, -28.5780

Conversions

Conversions Part 2

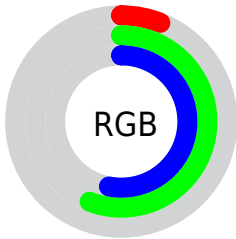
Format	Color
R _Y B	16, 81, 142
Decimal	1085064
CIE Lab	53.20, -32.17, -5.77
CIE LCh	53, 32.686, 190.159
Yxy	21.2337, 0.2304, 0.3414
Android (android.graphics.Color)	4279275144 (0xFF108E88)
YUV	103.6420, 15.9525, -76.8620
Hunter-Lab	46.0801, -25.1277, -2.0155

Details

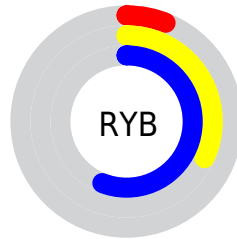
The Hex color **108E88** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E1016**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5AC4BD**, and **005B56** is the 20% darker color. If you saturate the color by 10%, you get **028E87**, and if you desaturate by 10%, it is **1E8E89**.

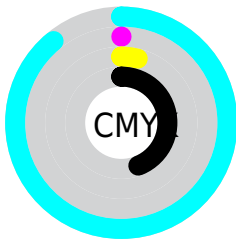
Distribution



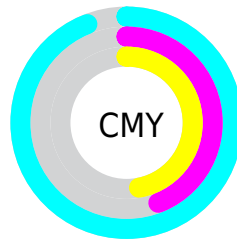
- Red (6%)
- Green (56%)
- Blue (53%)



- Red (6%)
- Yellow (32%)
- Blue (56%)



- Cyan (89%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (94%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 108E88 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 108E88 by changing the saturation by 10% instead.

 108E88

 108E88

FFFFFF

 00746F

 5AC4BD

 005B56

 78E0D9

 00433F

 95FDF5

 002C29

 B2FFFF

 001415

 CFFFFFF

 000000

 EDFFFF

 108E88

 108E88

 028E87

 1E8E89

■ 008E87

■ 2C8E89

■ 3B8E8A

■ 498E8B

■ 578E8B

■ 658E8C

■ 738E8D

■ 828E8D

■ 908E8E

Harmonies

Analogous

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



458D6B



108E88



008CA2

Triad

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



108E88



8E74AA



A1774A

Complementary

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



108E88



8E1016

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.



B16E5C



108E88



AA6B93

Square

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



108E88



657FB6



B56976



888047

Rectangle

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



108E88



1689AF



B56976



A8744F

Sweetspot

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



108E88



86B8B5



168E10



3E5C5A



DBDBDB



5C5C5C

Same Dimension

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



108E88



00B8AF



10558E



404747



008781



000807

Inverse Universe

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



8E1016



B80009



8E4910



474041



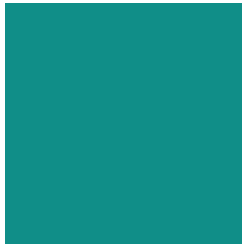
870006



080000

Previews

White Background



This preview shows how the Hex color 108E88 looks on a white background.

Color Contrast Check

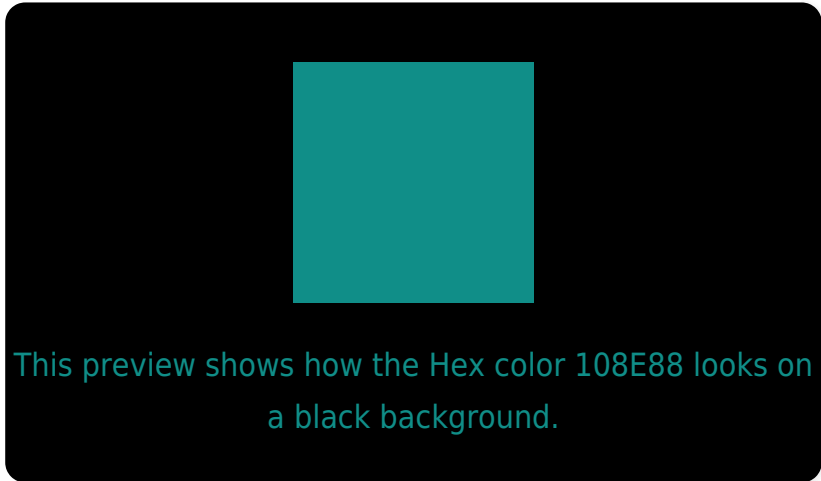
Large Text (above 18pt) WCAG AA ✓ Pass

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

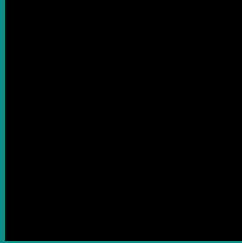
Any Text WCAG AA ✓ Pass

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 108E88 Background



This preview shows how black text looks on a background with the Hex color 108E88.

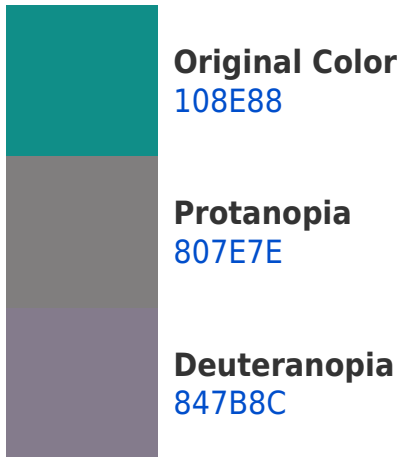


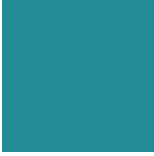
This preview shows how white text looks on a background with the Hex color 108E88.

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
228C97

Trichromacy



Original Color
108E88



Protanomaly
578482



Deuteranomaly
5A828B



Tritanomaly
1B8D92

Monochromacy



Original Color
108E88



Achromatopsia
686868



Achromatomaly
487674

CSS Examples

Text

The CSS property to change the color of the text to Hex 108E88 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 #108E88 looks like.

```
.text, #text, p{  
    color:#108E88  
}
```

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 #108E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #108E88
}
```

Border

The CSS property to change the border of an element to Hex 108E88 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
#108E88 }
```

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

```
.border{ border-color:#108E88 }
```

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

Here you see how a box with a 4 pixel #108E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #108E88; -webkit-box-shadow:4px 4px  
4px 4px #108E88; box-shadow:4px 4px 4px  
4px #108E88 }
```

Background

The CSS property to change the background color of an element to Hex 108E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#108E88 }
```

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

```
.background{ background-color:#108E88 }
```

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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