

# Converting Colors

Hex(108D89)

Have a look what the booklet for  
Hex(108D89) contains.

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# Color

Hex(108D89)

# Conversions

## Conversions Part 1

Format	Color
Hex	108D89
RGB	16, 141, 137
RGB Percent	6%, 55%, 54%
CMY	0.9373, 0.4471, 0.4627
CMYK	0.89, 0.00, 0.03, 0.45
HSL	178°, 80%, 31%
HSV	178°, 89%, 55%
XYZ	14.2539, 20.9661, 26.9625
YIQ	103.1690, -73.2160, -27.7440

# Conversions

## Conversions Part 2

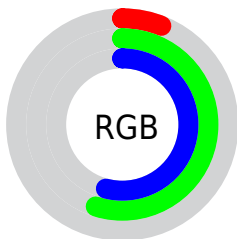
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 80, 141
Decimal	1084809
CIELab	52.91, -31.39, -6.78
CIELCh	53, 32.114, 192.185
Yxy	20.9661, 0.2292, 0.3372
Android (android.graphics.Color)	4279274889 (0xFF108D89)
YUV	103.1690, 16.6787, -76.4472
Hunter-Lab	45.7887, -24.5636, -2.8606

# Details

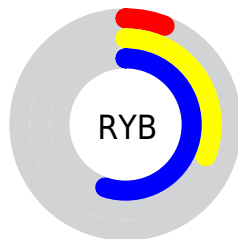
The Hex color **108D89** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8D1014**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5AC3BE**, and **005A57** is the 20% darker color. If you saturate the color by 10%, you get **028D89**, and if you desaturate by 10%, it is **1E8D89**.

# Distribution



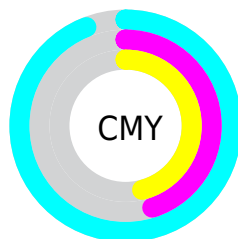
- Red (6%)
- Green (55%)
- Blue (54%)



- Red (6%)
- Yellow (31%)
- Blue (55%)



- Cyan (89%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (94%)
- Magenta (45%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 108D89 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 108D89 by changing the saturation by 10% instead.



 108D89

 108D89

FFFFFF

 007370

 5AC3BE

 005A57

 78DFDA

 004240

 95FCF7

 002B2A

 B2FFFF

 001316

 CFFFFF

 000000

 EDFFFF

 108D89

 108D89

 028D89

 1E8D89

■ 008D88

■ 2C8D8A

■ 3A8D8A

■ 488D8B

■ 578D8B

■ 658D8C

■ 738D8C

■ 818D8D

■ 8F8D8D

# Harmonies

## Analogous

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



438C6D



108D89



008BA3

# Triad

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



108D89



9073A7



9E774A

# Complementary

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



108D89



8D1014

# 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.



AF6E5B



108D89



AA6B90

# Square

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



108D89



687DB4



B46974



858047

# Rectangle

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



108D89



2088AE



B46974



A5744E



# Sweetspot

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



108D89



86B8B6



148D10



3E5C5B



DBDBDB



5C5C5C



# Same Dimension

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



108D89



00B8B2



10538D



404747



008783



000807



# Inverse Universe

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



8D1014



B80006



8D4A10



474040



870004



080000



# Previews

## White Background



This preview shows how the Hex color 108D89 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



This preview shows how the Hex color 108D89 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

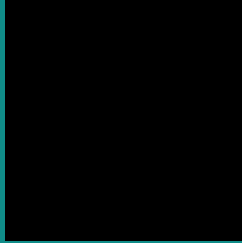
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 108D89 Background



This preview shows how black text looks on a background with the Hex color 108D89.

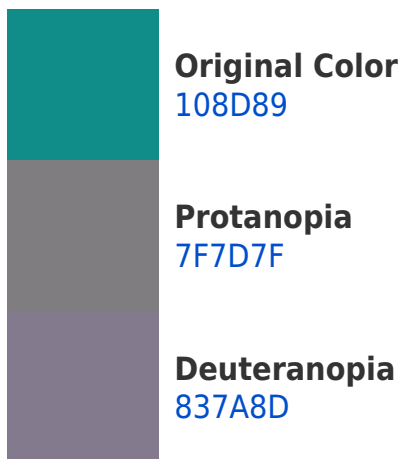


This preview shows how white text looks on a background with the Hex color 108D89.

# 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**  
208B96

# Trichromacy



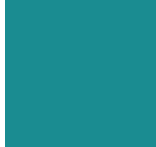
**Original Color**  
108D89



**Protanomaly**  
578383



**Deuteranomaly**  
59818C



**Tritanomaly**  
1A8C91

# Monochromacy



**Original Color**  
108D89



**Achromatopsia**  
676767



**Achromatomaly**  
477573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 108D89 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 #108D89 looks like.

```
.text, #text, p{  
    color:#108D89  
}
```

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 #108D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #108D89
}
```

## Border

The CSS property to change the border of an element to Hex 108D89 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
#108D89 }
```

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

```
.border{ border-color:#108D89 }
```

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

Here you see how a box with a 4 pixel #108D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #108D89; -webkit-box-shadow:4px 4px  
4px 4px #108D89; box-shadow:4px 4px 4px  
4px #108D89 }
```

# Background

The CSS property to change the background color of an element to Hex 108D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#108D89 }
```

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

```
.background{ background-color:#108D89 }
```

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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