

Converting Colors

Hex(10889B)

Have a look what the booklet for
Hex(10889B) contains.

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Color

Hex(10889B)

Conversions

Conversions Part 1

Format	Color
Hex	10889B
RGB	16, 136, 155
RGB Percent	6%, 53%, 61%
CMY	0.9373, 0.4667, 0.3922
CMYK	0.90, 0.12, 0.00, 0.39
HSL	188°, 81%, 34%
HSV	188°, 90%, 61%
XYZ	14.9342, 20.0850, 34.1000
YIQ	102.2860, -77.6190, -19.5310

Conversions

Conversions Part 2

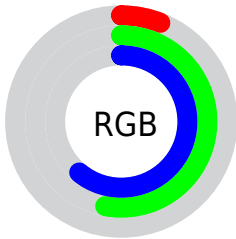
Format	Color
RYB	16, 80, 155
Decimal	1083547
CIELab	51.93, -23.01, -18.69
CIElCh	52, 29.646, 219.091
Yxy	20.0850, 0.2161, 0.2906
Android (android.graphics.Color)	4279273627 (0xFF10889B)
YUV	102.2860, 25.9880, -75.6728
Hunter-Lab	44.8163, -18.9467, -13.7414

Details

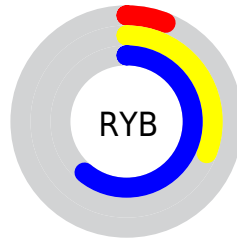
The Hex color **10889B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B2310**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CBED1**, and **005668** is the 20% darker color. If you saturate the color by 10%, you get **01869B**, and if you desaturate by 10%, it is **208A9B**.

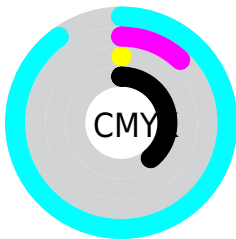
Distribution



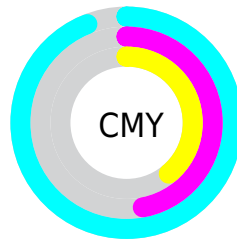
- Red (6%)
- Green (53%)
- Blue (61%)



- Red (6%)
- Yellow (31%)
- Blue (61%)



- Cyan (90%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)



- Cyan (94%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10889B 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 10889B by changing the saturation by 10% instead.

 10889B

 10889B

FFFFFF

 006E81

 5CBED1

 005668

 7ADAEE

 003E50

 97F6FF

 002839

 B4FFFF

 000F23

 D2FFFF

 00000C

 F0FFFF

 000000

 10889B

 10889B

 01869B

 208A9B

■ 00869B

■ 2F8C9B

■ 3F8E9B

■ 4E909B

■ 5E939B

■ 6D959B

■ 7C979B

■ 8C999B

■ 9B9B9B

Harmonies

Analogous

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



268983



10889B



3883AB

Triad

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



10889B



A26B8F



857D49

Complementary

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



10889B



9B2310

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.



9C744D



10889B



AD6875

Square

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



10889B



8972A3



AA6C5D



698454

Rectangle

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



10889B



567FAE



AA6C5D



8D7A49

Sweetspot

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



10889B



93C2C9



109B23



456266



E6E6E6



666666

Same Dimension

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



10889B



00AEC9



10439B



454B4D



00798C



000B0D

Inverse Universe

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



9B1088



C900AE



9B6810



4D454B



8C0079



0D000B

Previews

White Background



This preview shows how the Hex color 10889B looks on a white background.

Color Contrast Check

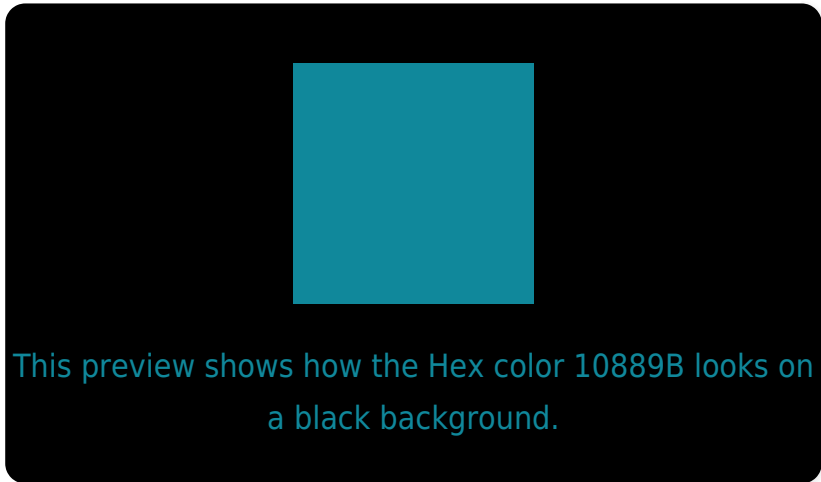
Large Text (above 18pt) WCAG AA ✓ Pass

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

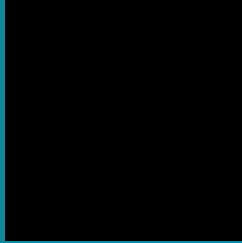
Any Text WCAG AA ✓ Pass

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 10889B Background



This preview shows how black text looks on a background with the Hex color 10889B.

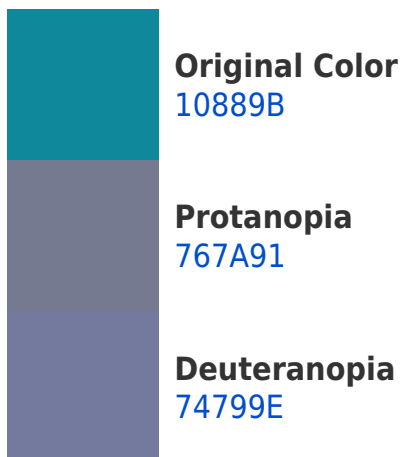


This preview shows how white text looks on a background with the Hex color 10889B.

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
008994

Trichromacy



Original Color
10889B



Protanomaly
517F95



Deuteranomaly
507E9D



Tritanomaly
068997

Monochromacy



Original Color
10889B



Achromatopsia
666666



Achromatomaly
477279

CSS Examples

Text

The CSS property to change the color of the text to Hex 10889B 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 #10889B looks like.

```
.text, #text, p{  
    color:#10889B  
}
```

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 #10889B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10889B
}
```

Border

The CSS property to change the border of an element to Hex 10889B 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
#10889B }
```

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

```
.border{ border-color:#10889B }
```

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

Here you see how a box with a 4 pixel #10889B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10889B; -webkit-box-shadow:4px 4px  
4px 4px #10889B; box-shadow:4px 4px 4px  
4px #10889B }
```

Background

The CSS property to change the background color of an element to Hex 10889B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10889B }
```

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

```
.background{ background-color:#10889B }
```

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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