

Converting Colors

Hex(1C8891)

Have a look what the booklet for
Hex(1C8891) contains.

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Color

Hex(1C8891)

Conversions

Conversions Part 1

Format	Color
Hex	1C8891
RGB	28, 136, 145
RGB Percent	11%, 53%, 57%
CMY	0.8902, 0.4667, 0.4314
CMYK	0.81, 0.06, 0.00, 0.43
HSL	185°, 68%, 34%
HSV	185°, 81%, 57%
XYZ	14.3939, 19.8995, 29.8704
YIQ	104.7340, -67.2570, -20.0970

Conversions

Conversions Part 2

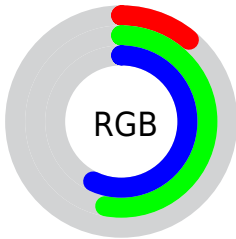
Format	Color
R_{YB}	28, 84, 145
Decimal	1869969
CIE _{Lab}	51.72, -25.40, -13.19
CIE _{LCh}	52, 28.620, 207.442
Yxy	19.8995, 0.2243, 0.3101
Android (android.graphics.Color)	4280060049 (0xFF1C8891)
YUV	104.7340, 19.8511, -67.2957
Hunter-Lab	44.6089, -20.4692, -8.4748

Details

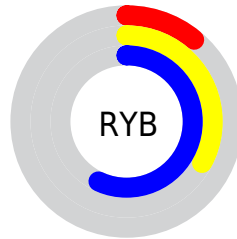
The Hex color **1C8891** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91251C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FBEC7**, and **00565F** is the 20% darker color. If you saturate the color by 10%, you get **0D8791**, and if you desaturate by 10%, it is **2B8991**.

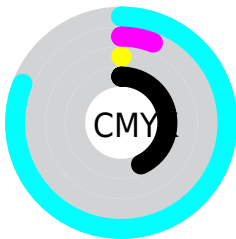
Distribution



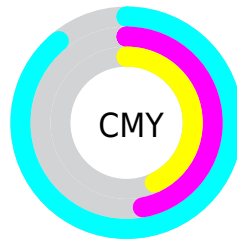
- Red (11%)
- Green (53%)
- Blue (57%)



- Red (11%)
- Yellow (33%)
- Blue (57%)



- Cyan (81%)
- Magenta (6%)
- Yellow (0%)
- Black (43%)



- Cyan (89%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8891 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 1C8891 by changing the saturation by 10% instead.

 1C8891

 1C8891

FFFFFF

 006E77

 5FBEC7

 00565F

 7CDAE3

 003E47

 99F6FF

 002831

 B6FFFF

 000D1C

 D3FFFF

 000000

 F1FFFF

 1C8891

 1C8891

 0D8791

 2B8991

008691

398A91

488B91

568C91

648E91

738F91

829091

909191

9F9291

Harmonies

Analogous

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



388878



1C8891



2C85A4

Triad

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



1C8891



986D96



8E794A

Complementary

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



1C8891



91251C

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.



A17153



1C8891



A8697E

Square

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



1C8891



7B76A7



AB6A66



74814F

Rectangle

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



1C8891



4781AB



AB6A66



95764C

Sweetspot

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



1C8891



8FB9BD



1C9124



435C5E



DEDEDE



5E5E5E

Same Dimension

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



1C8891



06AFBD



1C4F91



404747



007D87



000708

Inverse Universe

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



911C88



BD06AF



915E1C



474047



87007D



080007

Previews

White Background



This preview shows how the Hex color 1C8891 looks on a white background.

Color Contrast Check

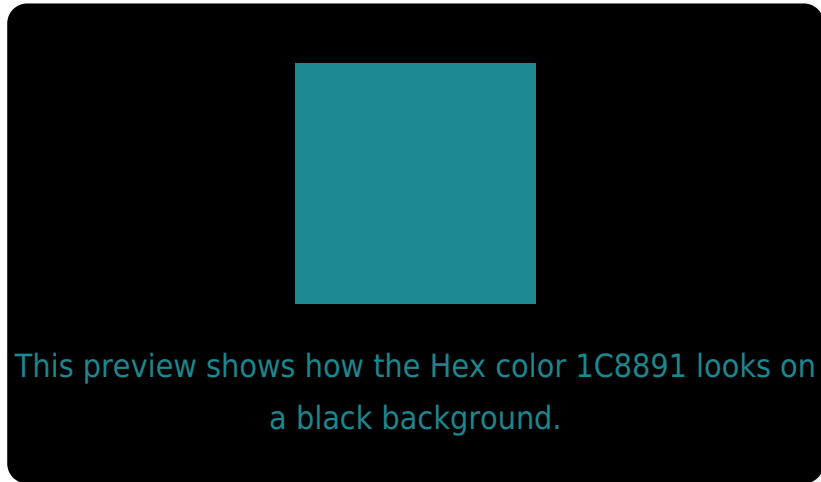
Large Text (above 18pt) WCAG AA ✓ Pass

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

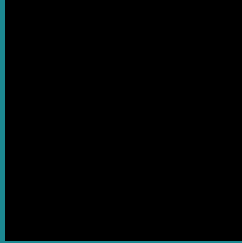
Any Text WCAG AA ✓ Pass

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 1C8891 Background



This preview shows how black text looks on a background with the Hex color 1C8891.

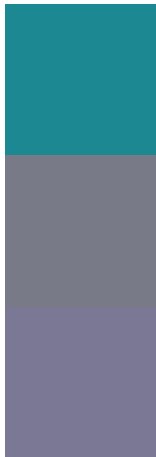


This preview shows how white text looks on a background with the Hex color 1C8891.

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



Original Color
1C8891

Protanopia
797A88

Deuteranopia
7A7895



Tritanopia
1E8893

Trichromacy



Original Color
1C8891



Protanomaly
577F8B



Deuteranomaly
587E94



Tritanomaly
1D8892

Monochromacy



Original Color
1C8891



Achromatopsia
696969



Achromatomaly
4D7478

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8891 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 #1C8891 looks like.

```
.text, #text, p{  
    color:#1C8891  
}
```

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 #1C8891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8891
}
```

Border

The CSS property to change the border of an element to Hex 1C8891 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
#1C8891 }
```

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

```
.border{ border-color:#1C8891 }
```

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

Here you see how a box with a 4 pixel #1C8891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8891; -webkit-box-shadow:4px 4px  
4px 4px #1C8891; box-shadow:4px 4px 4px  
4px #1C8891 }
```

Background

The CSS property to change the background color of an element to Hex 1C8891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8891 }
```

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

```
.background{ background-color:#1C8891 }
```

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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