

# Converting Colors

Hex(1C8388)

Have a look what the booklet for  
Hex(1C8388) contains.

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# Color

Hex(1C8388)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C8388
RGB	28, 131, 136
RGB Percent	11%, 51%, 53%
CMY	0.8902, 0.4863, 0.4667
CMYK	0.79, 0.04, 0.00, 0.47
HSL	183°, 66%, 32%
HSV	183°, 79%, 53%
XYZ	13.0391, 18.2570, 26.1293
YIQ	100.7730, -62.9930, -20.2810

# Conversions

## Conversions Part 2

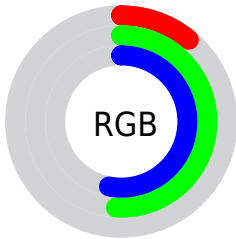
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 81, 136
Decimal	1868680
CIE <sub>Lab</sub>	49.81, -25.77, -10.83
CIE <sub>LCh</sub>	50, 27.956, 202.783
Yxy	18.2570, 0.2271, 0.3179
Android (android.graphics.Color)	4280058760 (0xFF1C8388)
YUV	100.7730, 17.3669, -63.8219
Hunter-Lab	42.7283, -20.3027, -6.3474

# Details

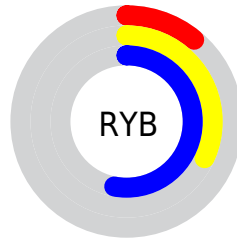
The Hex color **1C8388** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **88211C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5DB8BD**, and **005156** is the 20% darker color. If you saturate the color by 10%, you get **0E8288**, and if you desaturate by 10%, it is **2A8488**.

# Distribution



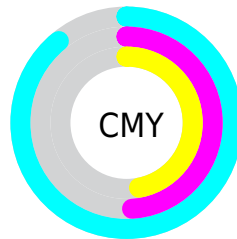
- Red (11%)
- Green (51%)
- Blue (53%)



- Red (11%)
- Yellow (32%)
- Blue (53%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (89%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C8388 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 1C8388 by changing the saturation by 10% instead.





1C8388



1C8388

FFFFFF



006A6F



5DB8BD



005156



7AD4D9



003A3F



96F1F5



002429



B3FFFF



000115



D0FFFF



000000



EEEFFF



1C8388



1C8388



0E8288



2A8488

■ 018288

■ 378488

■ 008288

■ 458588

■ 528688

■ 608688

■ 6E8788

■ 7B8788

■ 898888

■ 968988

# Harmonies

## Analogous

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



3A8370



1C8388



24809C

# Triad

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



1C8388



8F6A93



8B7347

# Complementary

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



1C8388



88211C

# 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.



9D6B52



1C8388



A1657D

# Square

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



1C8388



7172A2



A56565



747B4A

# Rectangle

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



1C8388



3D7DA3



A56565



927049



# Sweetspot

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



1C8388



86AEB0



1C8820



3F5859



D9D9D9



595959



# Same Dimension

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



1C8388



09A8B0



1C4E88



3E4545



007E85



000505



# Inverse Universe

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



881C83



B009A8



88561C



453E45



85007E

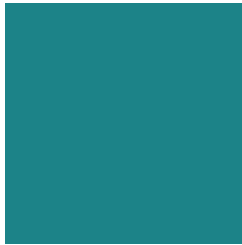


050005



# Previews

## White Background



This preview shows how the Hex color 1C8388 looks on a white background.

## Color Contrast Check

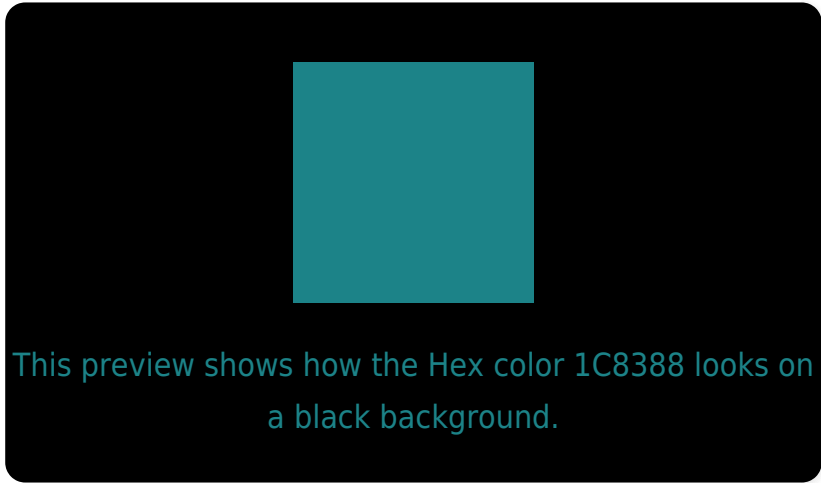
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

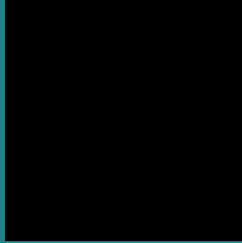
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C8388 Background



This preview shows how black text looks on a background with the Hex color 1C8388.

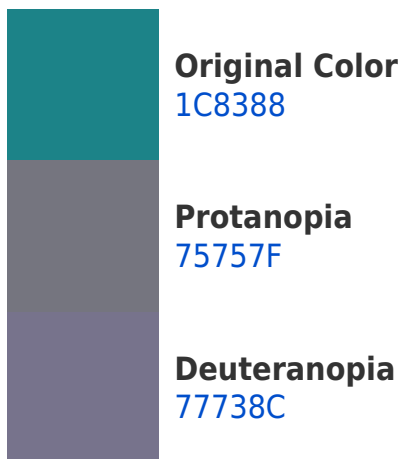



This preview shows how white text looks on a background with the Hex color 1C8388.

# 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**  
20828D

# Trichromacy



**Original Color**  
1C8388



**Protanomaly**  
557A82



**Deuteranomaly**  
56798B



**Tritanomaly**  
1F828B

# Monochromacy



**Original Color**  
1C8388



**Achromatopsia**  
656565



**Achromatomaly**  
4A7072

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C8388 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 #1C8388 looks like.

```
.text, #text, p{  
    color:#1C8388  
}
```

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 #1C8388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8388
}
```

## Border

The CSS property to change the border of an element to Hex 1C8388 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
#1C8388 }
```

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

```
.border{ border-color:#1C8388 }
```

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

Here you see how a box with a 4 pixel #1C8388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8388; -webkit-box-shadow:4px 4px  
4px 4px #1C8388; box-shadow:4px 4px 4px  
4px #1C8388 }
```

# Background

The CSS property to change the background color of an element to Hex 1C8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8388 }
```

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

```
.background{ background-color:#1C8388 }
```

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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