

Converting Colors

Hex(1CA6B1)

Have a look what the booklet for
Hex(1CA6B1) contains.

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Color

Hex(1CA6B1)

Conversions

Conversions Part 1

Format	Color
Hex	1CA6B1
RGB	28, 166, 177
RGB Percent	11%, 65%, 69%
CMY	0.8902, 0.3490, 0.3059
CMYK	0.84, 0.06, 0.00, 0.31
HSL	184°, 73%, 40%
HSV	184°, 84%, 69%
XYZ	22.0509, 30.6936, 46.3572
YIQ	125.9920, -85.7790, -25.8350

Conversions

Conversions Part 2

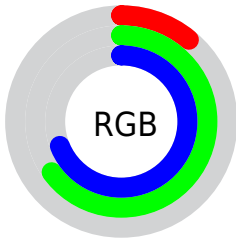
Format	Color
<code>RYB</code>	<code>28, 100, 177</code>
Decimal	<code>1877681</code>
CIELab	<code>62.25, -30.04, -15.55</code>
CIELCh	<code>62, 33.829, 207.361</code>
Yxy	<code>30.6936, 0.2225, 0.3097</code>
Android (<code>android.graphics.Color</code>)	<code>4280067761 (0xFF1CA6B1)</code>
YUV	<code>125.9920, 25.1469, -85.9390</code>
Hunter-Lab	<code>55.4018, -25.9070, -10.8293</code>




Details

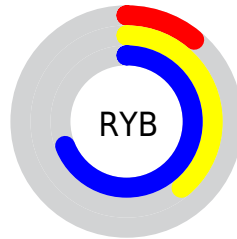
The Hex color **1CA6B1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B1271C**, and the grayscale version is **7E7E7E**.




A 20% lighter version of the original color is **68DDE9**, and **00727C** is the 20% darker color. If you saturate the color by 10%, you get **0AA5B1**, and if you desaturate by 10%, it is **2EA7B1**.

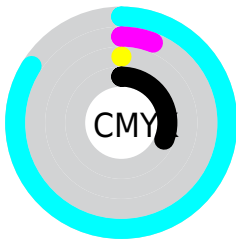
Distribution







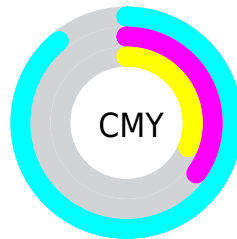
-  Red (11%)
-  Green (65%)
-  Blue (69%)






-  Red (11%)
-  Yellow (39%)
-  Blue (69%)



-  Cyan (84%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (89%)
-  Magenta (35%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA6B1 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 1CA6B1 by changing the saturation by 10% instead.



1CA6B1



1CA6B1

FFFFFF



008B96



68DDE9



00727C



86FAFF



005964



A5FFFF



00414C



C3FFFF



002A35



E1FFFF



001020



000005



000000



1CA6B1



1CA6B1

0AA5B1

2EA7B1

00A4B1

3FA9B1

51AAB1

63ABB1

75ADB1

86AEB1

98AFB1

AAB0B1

BBB2B1

Harmonies

Analogous

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



43A693



1CA6B1



32A2C8

Triad

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



1CA6B1



BA85B7



AD945A

Complementary

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



1CA6B1



B1271C

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.



C48965



1CA6B1



CE7F9A

Square

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



1CA6B1



9690CC



D0817C



8E9D60

Rectangle

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



1CA6B1



559DD0



D0817C



B6905C

Sweetspot

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



1CA6B1



ACE1E6



1CB126



507073



F2F2F2



737373

Same Dimension

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



1CA6B1



00D5E6



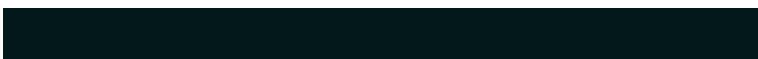
1C5DB1



505959



008E99



00181A

Inverse Universe

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



B11CA6



E600D5



B1701C



595059



99008E



1A0018

Previews

White Background



This preview shows how the Hex color 1CA6B1 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 1CA6B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

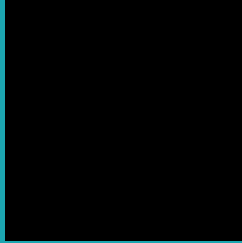
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 1CA6B1 Background



This preview shows how black text looks on a background with the Hex color 1CA6B1.

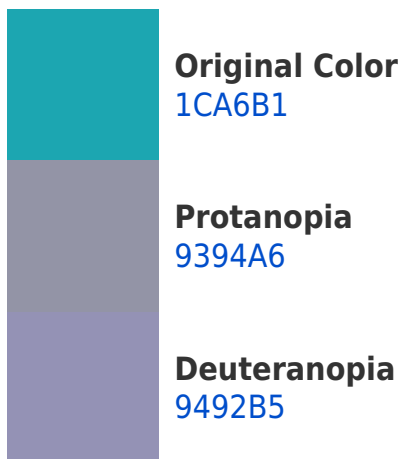


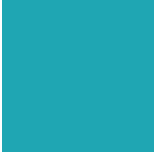
This preview shows how white text looks on a background with the Hex color 1CA6B1.

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
1FA6B3

Trichromacy



Original Color
1CA6B1



Protanomaly
689BAA



Deuteranomaly
6899B4



Tritanomaly
1EA6B2

Monochromacy



Original Color
1CA6B1



Achromatopsia
7E7E7E



Achromatomaly
5A8D91

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA6B1 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 #1CA6B1 looks like.

```
.text, #text, p{  
    color:#1CA6B1  
}
```

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 #1CA6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA6B1
}
```

Border

The CSS property to change the border of an element to Hex 1CA6B1 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
#1CA6B1 }
```

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

```
.border{ border-color:#1CA6B1 }
```

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

Here you see how a box with a 4 pixel #1CA6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA6B1; -webkit-box-shadow:4px 4px  
4px 4px #1CA6B1; box-shadow:4px 4px 4px  
4px #1CA6B1 }
```

Background

The CSS property to change the background color of an element to Hex 1CA6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA6B1 }
```

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

```
.background{ background-color:#1CA6B1 }
```

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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