

Converting Colors

Hex(1CA6A2)

Have a look what the booklet for
Hex(1CA6A2) contains.

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Color

Hex(1CA6A2)

Conversions

Conversions Part 1

Format	Color
Hex	1CA6A2
RGB	28, 166, 162
RGB Percent	11%, 65%, 64%
CMY	0.8902, 0.3490, 0.3647
CMYK	0.83, 0.00, 0.02, 0.35
HSL	178°, 71%, 38%
HSV	178°, 83%, 65%
XYZ	20.6367, 30.1279, 38.9100
YIQ	124.2820, -80.9640, -30.5000

Conversions

Conversions Part 2

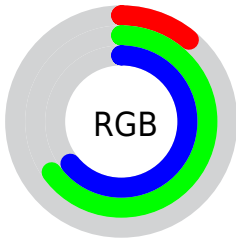
Format	Color
R_{YB}	28, 98, 166
Decimal	1877666
CIE _{Lab}	61.76, -34.67, -7.85
CIE _{LCh}	62, 35.551, 192.756
Yxy	30.1279, 0.2301, 0.3360
Android (android.graphics.Color)	4280067746 (0xFF1CA6A2)
YUV	124.2820, 18.5950, -84.4393
Hunter-Lab	54.8889, -28.9446, -3.6076

Details

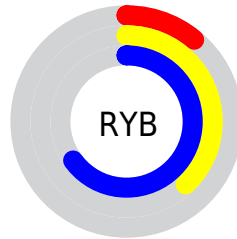
The Hex color **1CA6A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A61C20**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66DED9**, and **00716E** is the 20% darker color. If you saturate the color by 10%, you get **0BA6A2**, and if you desaturate by 10%, it is **2DA6A2**.

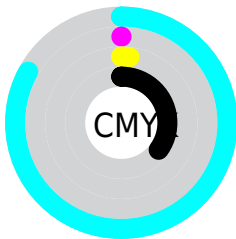
Distribution



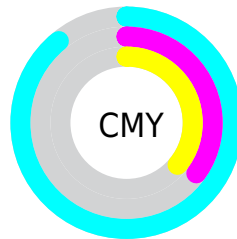
- Red (11%)
- Green (65%)
- Blue (64%)



- Red (11%)
- Yellow (38%)
- Blue (65%)



- Cyan (83%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (89%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA6A2 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 1CA6A2 by changing the saturation by 10% instead.

 1CA6A2

 1CA6A2

FFFFFF

 008B88


 66DED9

 00716E

 84FAF5

 005856

 A2FFFF

 00403F

 C0FFFF

 002A29

 DEFFFF

 000D15

 FCFFFF

 000000

 1CA6A2

 1CA6A2

 0BA6A2

 2DA6A2

■ 00A6A1

■ 3DA6A3

■ 4EA6A3

■ 5EA6A4

■ 6FA6A4

■ 80A6A5

■ 90A6A5

■ A1A6A6

■ B1A6A6

Harmonies

Analogous

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



51A581



1CA6A2



00A4BF

Triad

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



1CA6A2



AA88C4



B98D59

Complementary

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



1CA6A2



A61C20

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.



CD836C



1CA6A2



C77FA9

Square

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



1CA6A2



7D94D2



D27D89



9C9857

Rectangle

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



1CA6A2



2EA0CC



D27D89



C1895E

Sweetspot

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



1CA6A2



A3D9D7



21A61C



4D6E6D



EDEDED



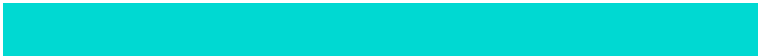
6E6E6E

Same Dimension

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



1CA6A2



00D9D2



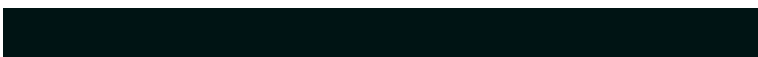
1C66A6



4C5454



009490



001414

Inverse Universe

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



A61C20



D90006



A65C1C



544C4C



940004



140001

Previews

White Background



This preview shows how the Hex color 1CA6A2 looks on a white background.

Color Contrast Check

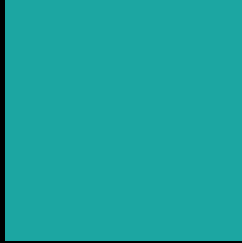
Large Text (above 18pt) WCAG AA × Fail

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 1CA6A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

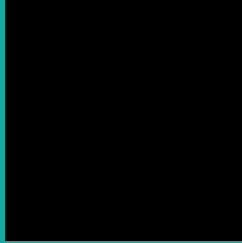
Any Text WCAG AA ✓ Pass

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 1CA6A2 Background



This preview shows how black text looks on a background with the Hex color 1CA6A2.

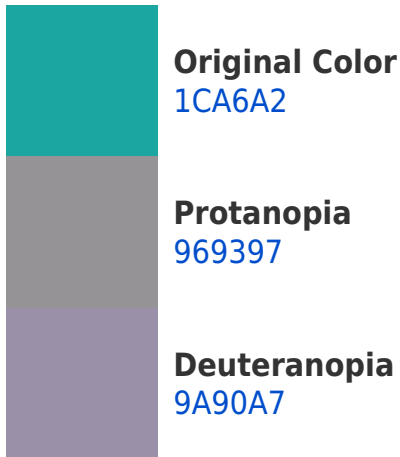


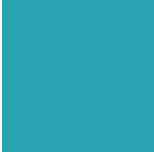
This preview shows how white text looks on a background with the Hex color 1CA6A2.

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
2AA4B1

Trichromacy



Original Color
1CA6A2



Protanomaly
6A9A9B



Deuteranomaly
6C98A5



Tritanomaly
25A5AC

Monochromacy



Original Color
1CA6A2



Achromatopsia
7C7C7C



Achromatomaly
598B8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA6A2 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 #1CA6A2 looks like.

```
.text, #text, p{  
    color:#1CA6A2  
}
```

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 #1CA6A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA6A2
}
```

Border

The CSS property to change the border of an element to Hex 1CA6A2 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
#1CA6A2 }
```

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

```
.border{ border-color:#1CA6A2 }
```

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

Here you see how a box with a 4 pixel #1CA6A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA6A2; -webkit-box-shadow:4px 4px  
4px 4px #1CA6A2; box-shadow:4px 4px 4px  
4px #1CA6A2 }
```

Background

The CSS property to change the background color of an element to Hex 1CA6A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA6A2 }
```

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

```
.background{ background-color:#1CA6A2 }
```

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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