

Converting Colors

Hex(16C2A9)

Have a look what the booklet for
Hex(16C2A9) contains.

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Color

Hex(16C2A9)

Conversions

Conversions Part 1

Format	Color
Hex	16C2A9
RGB	22, 194, 169
RGB Percent	9%, 76%, 66%
CMY	0.9137, 0.2392, 0.3373
CMYK	0.89, 0.00, 0.13, 0.24
HSL	171°, 80%, 42%
HSV	171°, 89%, 76%
XYZ	26.7841, 41.6187, 44.1577
YIQ	139.7220, -94.4870, -44.2390

Conversions

Conversions Part 2

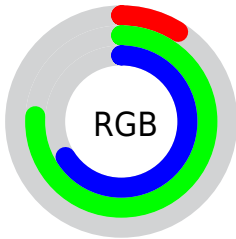
Format	Color
RYB	22, 115, 194
Decimal	1491625
CIELab	70.61, -45.50, 1.28
CIElCh	71, 45.520, 178.385
Yxy	41.6187, 0.2380, 0.3697
Android (android.graphics.Color)	4279681705 (0xFF16C2A9)
YUV	139.7220, 14.4341, -103.2422
Hunter-Lab	64.5126, -38.7880, 4.5759

Details

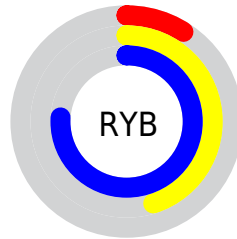
The Hex color **16C2A9** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C2162F**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6AFBE0**, and **008B75** is the 20% darker color. If you saturate the color by 10%, you get **03C2A6**, and if you desaturate by 10%, it is **29C2AC**.

Distribution



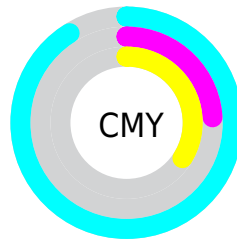
- Red (9%)
- Green (76%)
- Blue (66%)



- Red (9%)
- Yellow (45%)
- Blue (76%)



- Cyan (89%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (91%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16C2A9 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 16C2A9 by changing the saturation by 10% instead.

 16C2A9

 16C2A9

FFFFFF

 00A68F

 6AFBE0

 008B75

 89FFFD

 00715C

 A8FFFF

 005845

 C7FFFF

 003F2F

 E5FFFF

 002A1A

 000400

 000000

 16C2A9

 16C2A9

■ 03C2A6

■ 29C2AC

■ 00C2A6

■ 3DC2AF

■ 50C2B1

■ 64C2B4

■ 77C2B7

■ 8AC2BA

■ 9EC2BD

■ B1C2C0

■ C5C2C2

Harmonies

Analogous

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



6CBE80



16C2A9



00C1D3

Triad

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



16C2A9



ADA3F6



E99B67

Complementary

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



16C2A9



C2162F

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.



FA8E88



16C2A9



DE94D9

Square

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



16C2A9



64B2FF



F88BB1



C8AA58

Rectangle

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



16C2A9



00BFEA



F88BB1



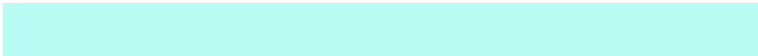
F09670

Sweetspot

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



16C2A9



B8FCF3



30C216



57807A



000000



808080

Same Dimension

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



16C2A9



00FCD8



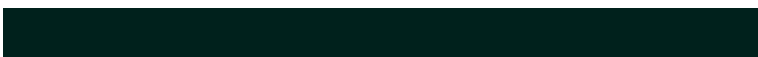
1686C2



57615F



00A189



00211C

Inverse Universe

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



C2162F



FC0025



C25216



615759



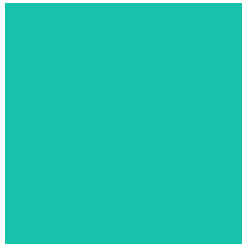
A10017



210005

Previews

White Background



This preview shows how the Hex color 16C2A9 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 16C2A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

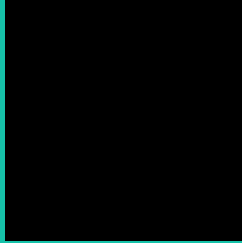
Any Text WCAG AA ✓ Pass

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 16C2A9 Background



This preview shows how black text looks on a background with the Hex color 16C2A9.

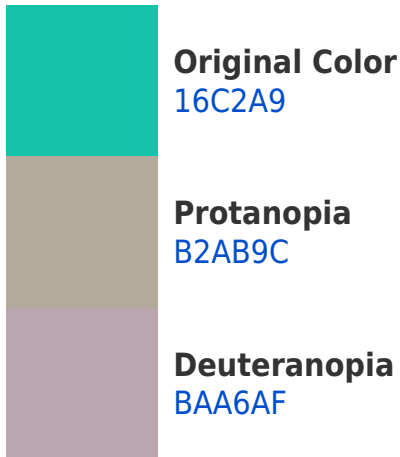


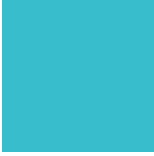
This preview shows how white text looks on a background with the Hex color 16C2A9.

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





Trichromacy



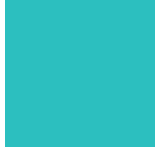
Original Color
16C2A9



Protanomaly
79B3A1



Deuteranomaly
7EB0AD



Tritanomaly
2CBFBF

Monochromacy



Original Color
16C2A9



Achromatopsia
8C8C8C



Achromatomaly
61A097

CSS Examples

Text

The CSS property to change the color of the text to Hex 16C2A9 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 #16C2A9 looks like.

```
.text, #text, p{  
    color:#16C2A9  
}
```

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 #16C2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16C2A9
}
```

Border

The CSS property to change the border of an element to Hex 16C2A9 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
#16C2A9 }
```

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

```
.border{ border-color:#16C2A9 }
```

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

Here you see how a box with a 4 pixel #16C2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16C2A9; -webkit-box-shadow:4px 4px  
4px 4px #16C2A9; box-shadow:4px 4px 4px  
4px #16C2A9 }
```

Background

The CSS property to change the background color of an element to Hex 16C2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16C2A9 }
```

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

```
.background{ background-color:#16C2A9 }
```

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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