

Converting Colors

Hex(10B2A9)

Have a look what the booklet for
Hex(10B2A9) contains.

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Color

Hex(10B2A9)

Conversions

Conversions Part 1

Format	Color
Hex	10B2A9
RGB	16, 178, 169
RGB Percent	6%, 70%, 66%
CMY	0.9373, 0.3020, 0.3373
CMYK	0.91, 0.00, 0.05, 0.30
HSL	177°, 84%, 38%
HSV	177°, 91%, 70%
XYZ	23.2955, 34.8155, 43.0284
YIQ	128.5360, -93.6630, -37.1430

Conversions

Conversions Part 2

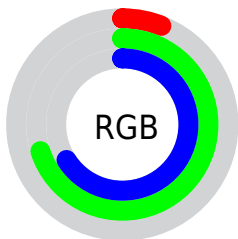
Format	Color
RYB	16, 99, 178
Decimal	1094313
CIELab	65.60, -38.84, -6.07
CIElCh	66, 39.310, 188.882
Yxy	34.8155, 0.2303, 0.3442
Android (android.graphics.Color)	4279284393 (0xFF10B2A9)
YUV	128.5360, 19.9488, -98.6941
Hunter-Lab	59.0047, -32.7850, -1.9332

Details

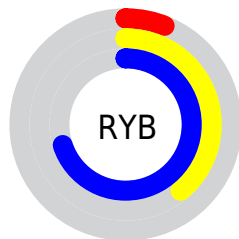
The Hex color **10B2A9** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B21019**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **65EAE0**, and **007C75** is the 20% darker color. If you saturate the color by 10%, you get **00B2A8**, and if you desaturate by 10%, it is **22B2AA**.

Distribution



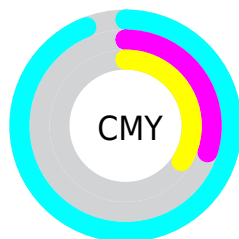
- Red (6%)
- Green (70%)
- Blue (66%)



- Red (6%)
- Yellow (39%)
- Blue (70%)



- Cyan (91%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (94%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10B2A9 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 10B2A9 by changing the saturation by 10% instead.

 10B2A9

 10B2A9

FFFFFF

 00978F

 65EAE0

 007C75

 84FFFD

 00635C

 A3FFFF

 004A45

 C1FFFF

 00322F

 DFFFFF

 001D1A

FEFFFF

 000000

 10B2A9

 10B2A9

 00B2A8

 22B2AA

 34B2AB

 45B2AC

 57B2AD

 69B2AE

 7BB2AF

 8DB2B0

 9EB2B1

 B0B2B2

Harmonies

Analogous

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



58B085



10B2A9



00B0CA

Triad

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



10B2A9



B192D6



CB955E

Complementary

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



10B2A9



B21019

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.



DF8975



10B2A9



D487B9

Square

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



10B2A9



7C9FE5



E38396



ACA158

Rectangle

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



10B2A9



07ACDB



E38396



D39064

Sweetspot

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



10B2A9



A9E8E5



1BB210



507573



F5F5F5



757575

Same Dimension

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



10B2A9



00E8DB



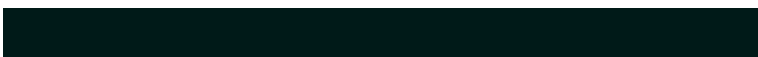
106CB2



505959



009991



001A18

Inverse Universe

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



B21019



E8000D



B25610



595051



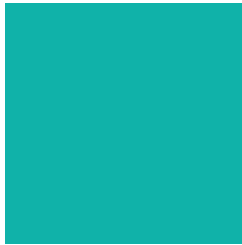
990008



1A0001

Previews

White Background



This preview shows how the Hex color 10B2A9 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 10B2A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

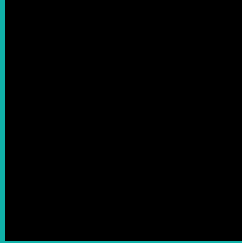
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

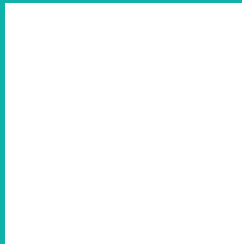
Any Text WCAG AAA ✓ Pass

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

Hex 10B2A9 Background



This preview shows how black text looks on a background with the Hex color 10B2A9.

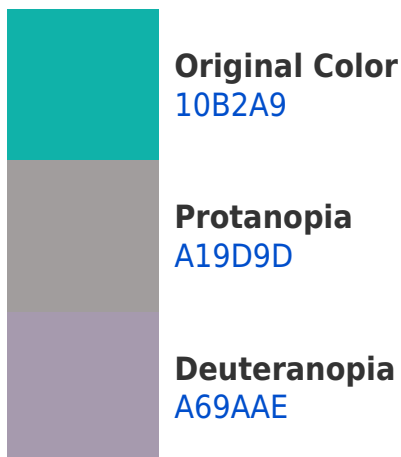


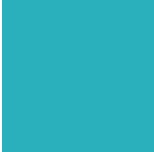
This preview shows how white text looks on a background with the Hex color 10B2A9.

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
10B2A9



Protanomaly
6CA5A1



Deuteranomaly
6FA3AC



Tritanomaly
21B0B6

Monochromacy



Original Color
10B2A9



Achromatopsia
818181



Achromatomaly
589390

CSS Examples

Text

The CSS property to change the color of the text to Hex 10B2A9 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 #10B2A9 looks like.

```
.text, #text, p{  
    color:#10B2A9  
}
```

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 #10B2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10B2A9
}
```

Border

The CSS property to change the border of an element to Hex 10B2A9 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
#10B2A9 }
```

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

```
.border{ border-color:#10B2A9 }
```

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

Here you see how a box with a 4 pixel #10B2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10B2A9; -webkit-box-shadow:4px 4px  
4px 4px #10B2A9; box-shadow:4px 4px 4px  
4px #10B2A9 }
```

Background

The CSS property to change the background color of an element to Hex 10B2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10B2A9 }
```

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

```
.background{ background-color:#10B2A9 }
```

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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