

Converting Colors

Hex(10A7BC)

Have a look what the booklet for
Hex(10A7BC) contains.

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Color

Hex(10A7BC)

Conversions

Conversions Part 1

Format	Color
Hex	10A7BC
RGB	16, 167, 188
RGB Percent	6%, 65%, 74%
CMY	0.9373, 0.3451, 0.2627
CMYK	0.91, 0.11, 0.00, 0.26
HSL	187°, 84%, 40%
HSV	187°, 91%, 74%
XYZ	23.1095, 31.3784, 52.4156
YIQ	124.2450, -96.7370, -25.4810

Conversions

Conversions Part 2

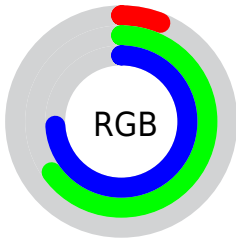
Format	Color
R _{YB}	16, 96, 188
Decimal	1091516
CIE Lab	62.83, -27.69, -20.84
CIE LCh	63, 34.660, 216.960
Yxy	31.3784, 0.2162, 0.2935
Android (android.graphics.Color)	4279281596 (0xFF10A7BC)
YUV	124.2450, 31.4312, -94.9309
Hunter-Lab	56.0165, -24.3889, -16.2672

Details

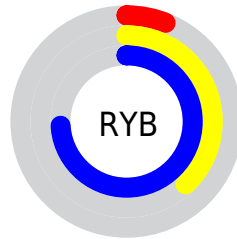
The Hex color **10A7BC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BC2510**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **66DEF4**, and **007387** is the 20% darker color. If you saturate the color by 10%, you get **00A5BC**, and if you desaturate by 10%, it is **23A9BC**.

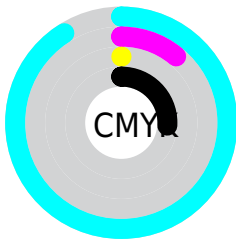
Distribution



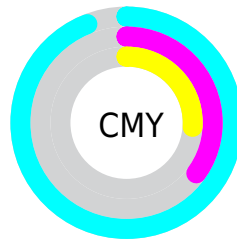
- Red (6%)
- Green (65%)
- Blue (74%)



- Red (6%)
- Yellow (38%)
- Blue (74%)



- Cyan (91%)
- Magenta (11%)
- Yellow (0%)
- Black (26%)



- Cyan (94%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A7BC 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 10A7BC by changing the saturation by 10% instead.

 10A7BC

 10A7BC

FFFFFF

 008CA1

 66DEF4

 007387

 85FBFF

 005A6D

 A4FFFF

 004255

 C2FFFF

 002B3E

 E1FFFF

 001328

 000112

 000000

 10A7BC

 10A7BC

■ 00A5BC

■ 23A9BC

■ 36ACBC

■ 48AEBC

■ 5BB0BC

■ 6EB2BC

■ 81B5BC

■ 94B7BC

■ A6B9BC

■ B9BCBC

Harmonies

Analogous

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



33A99E



10A7BC



41A2D0

Triad

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



10A7BC



C584B1



A5985A

Complementary

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



10A7BC



BC2510

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.



C08E60



10A7BC



D38092

Square

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



10A7BC



A58DC9



D18474



84A166

Rectangle

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



10A7BC



669CD5



D18474



AF955A

Sweetspot

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



10A7BC



B3EDF5



10BC24



53767A



F9F9F9



7A7A7A

Same Dimension

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



10A7BC



00D7F5



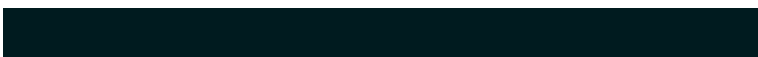
1052BC



555D5E



008B9E



001B1F

Inverse Universe

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



BC10A7



F500D7



BC7A10



5E555D



9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 10A7BC 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 10A7BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

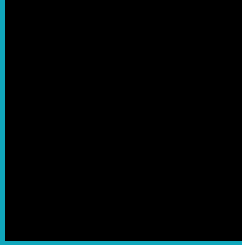
Any Text WCAG AA ✓ Pass

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 10A7BC Background



This preview shows how black text looks on a background with the Hex color 10A7BC.



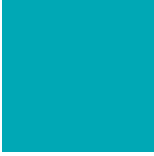
This preview shows how white text looks on a background with the Hex color 10A7BC.

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](#).

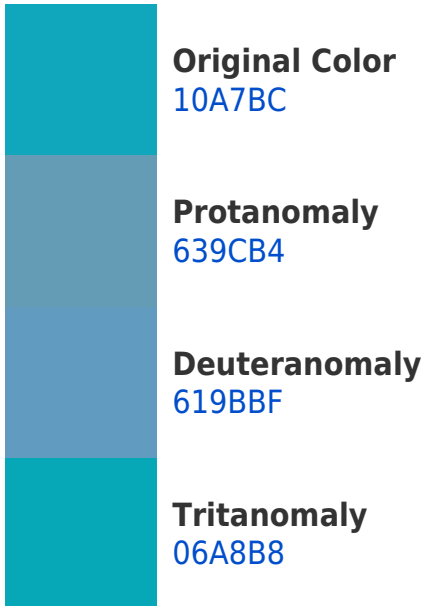
Dichromacy





Tritanopia
00A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 10A7BC 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 #10A7BC looks like.

```
.text, #text, p{  
    color:#10A7BC  
}
```

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 #10A7BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A7BC  
}
```

Border

The CSS property to change the border of an element to Hex 10A7BC 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  
#10A7BC }
```

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

```
.border{ border-color:#10A7BC }
```

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

Here you see how a box with a 4 pixel #10A7BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A7BC; -webkit-box-shadow:4px 4px  
4px 4px #10A7BC; box-shadow:4px 4px 4px  
4px #10A7BC }
```

Background

The CSS property to change the background color of an element to Hex 10A7BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A7BC }
```

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

```
.background{ background-color:#10A7BC }
```

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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