

Converting Colors

Hex(17B3C6)

Have a look what the booklet for
Hex(17B3C6) contains.

Hex(17B3C6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(17B3C6)

Conversions

Conversions Part 1

Format	Color
Hex	17B3C6
RGB	23, 179, 198
RGB Percent	9%, 70%, 78%
CMY	0.9098, 0.2980, 0.2235
CMYK	0.88, 0.10, 0.00, 0.22
HSL	187°, 79%, 43%
HSV	187°, 88%, 78%
XYZ	26.6665, 36.4996, 59.0657
YIQ	134.5220, -99.0750, -27.1630

Conversions

Conversions Part 2

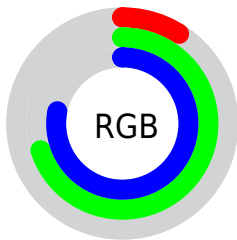
Format	Color
RYB	23, 105, 198
Decimal	1553350
CIELab	66.90, -30.00, -20.18
CIELCh	67, 36.159, 213.928
Yxy	36.4996, 0.2182, 0.2986
Android (android.graphics.Color)	4279743430 (0xFF17B3C6)
YUV	134.5220, 31.2947, -97.8048
Hunter-Lab	60.4149, -26.9380, -15.6756

Details

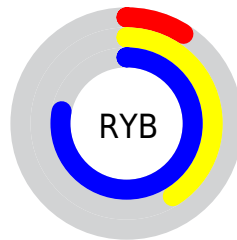
The Hex color **17B3C6** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **C62A17**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6BEBFF**, and **007E90** is the 20% darker color. If you saturate the color by 10%, you get **03B1C6**, and if you desaturate by 10%, it is **2BB5C6**.

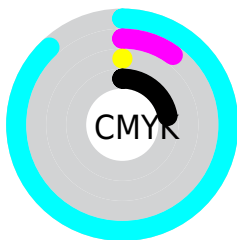
Distribution



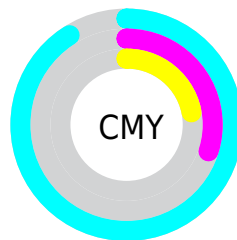
- Red (9%)
- Green (70%)
- Blue (78%)



- Red (9%)
- Yellow (41%)
- Blue (78%)



- Cyan (88%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (91%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B3C6 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 17B3C6 by changing the saturation by 10% instead.

 17B3C6

 17B3C6

FFFFFF

 0098AB

 6BEBFF

 007E90

 8AFFFF

 006476

 A9FFFF

 004C5E

 C8FFFF

 003546


 E7FFFF

 002130

 00011B

 000000

 17B3C6

 17B3C6

■ 03B1C6

■ 2BB5C6

■ 00B1C6

■ 3FB7C6

■ 52B9C6

■ 66BCC6

■ 7ABEC6

■ 8EC0C6

■ A2C2C6

■ B5C4C6

■ C9C6C6

Harmonies

Analogous

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



3DB4A6



17B3C6



41AEDC

Triad

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



17B3C6



CF8EC0



B4A261

Complementary

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



17B3C6



C62A17

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.



D09769



17B3C6



E189A0

Square

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



17B3C6



AC99D9



E08D80



92AC6C

Rectangle

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



17B3C6



68A8E3



E08D80



BE9F62

Sweetspot

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



17B3C6



BAF8FF



17C628



577B80



000000



808080

Same Dimension

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



17B3C6



00E3FF



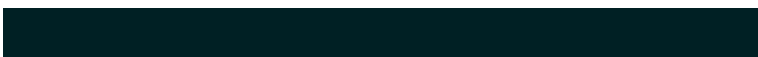
175DC6



5A6263



0091A3



002024

Inverse Universe

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



C617B3



FF00E3



C68017



635A62



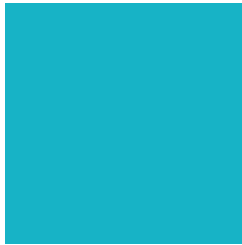
A30091



240020

Previews

White Background



This preview shows how the Hex color 17B3C6 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 17B3C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

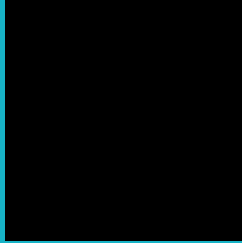
Any Text WCAG AA ✓ Pass

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 17B3C6 Background



This preview shows how black text looks on a background with the Hex color 17B3C6.



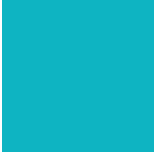
This preview shows how white text looks on a background with the Hex color 17B3C6.

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
0EB4C2

Trichromacy



Original Color
17B3C6



Protanomaly
6CA7BE



Deuteranomaly
6CA6C9



Tritanomaly
11B4C3

Monochromacy



Original Color
17B3C6



Achromatopsia
878787



Achromatomaly
5E979E

CSS Examples

Text

The CSS property to change the color of the text to Hex 17B3C6 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 #17B3C6 looks like.

```
.text, #text, p{  
    color:#17B3C6  
}
```

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 #17B3C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B3C6
}
```

Border

The CSS property to change the border of an element to Hex 17B3C6 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
#17B3C6 }
```

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

```
.border{ border-color:#17B3C6 }
```

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

Here you see how a box with a 4 pixel #17B3C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B3C6; -webkit-box-shadow:4px 4px  
4px 4px #17B3C6; box-shadow:4px 4px 4px  
4px #17B3C6 }
```

Background

The CSS property to change the background color of an element to Hex 17B3C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B3C6 }
```

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

```
.background{ background-color:#17B3C6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor