

Converting Colors

Hex(10DAB5)

Have a look what the booklet for
Hex(10DAB5) contains.

Hex(10DAB5)	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(10DAB5)

Conversions

Conversions Part 1

Format	Color
Hex	10DAB5
RGB	16, 218, 181
RGB Percent	6%, 85%, 71%
CMY	0.9373, 0.1451, 0.2902
CMYK	0.93, 0.00, 0.17, 0.15
HSL	169°, 86%, 46%
HSV	169°, 93%, 85%
XYZ	33.6256, 53.5892, 52.2876
YIQ	153.3840, -108.5150, -54.3310

Conversions

Conversions Part 2

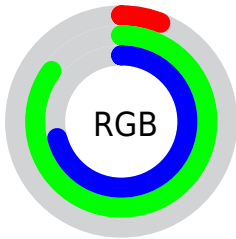
Format	Color
RYB	16, 127, 218
Decimal	1104565
CIELab	78.22, -52.50, 5.83
CIELCh	78, 52.822, 173.660
Yxy	53.5892, 0.2410, 0.3841
Android (android.graphics.Color)	4279294645 (0xFF10DAB5)
YUV	153.3840, 13.6147, -120.4858
Hunter-Lab	73.2046, -46.1165, 8.8944

Details

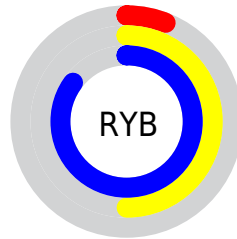
The Hex color **10DAB5** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **DA1035**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6EFFED**, and **00A280** is the 20% darker color. If you saturate the color by 10%, you get **00DAB2**, and if you desaturate by 10%, it is **26DAB9**.

Distribution



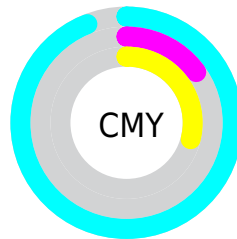
- Red (6%)
- Green (85%)
- Blue (71%)



- Red (6%)
- Yellow (50%)
- Blue (85%)



- Cyan (93%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (94%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10DAB5 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 10DAB5 by changing the saturation by 10% instead.

 10DAB5

 10DAB5

FFFFFF

 00BE9A

 6EFFED

 00A280

 8FFFFFF

 008767

 AFFFFFF

 006D4F

 CEFFFF

 005338

 EDFFFF

 003A23

 00240E

 000000

 10DAB5

 10DAB5

00DAB2

26DAB9

3CDABD

51DAC1

67DAC5

7DDAC9

93DACD

A9DAD1

BEDAD5

D4DAD9

Harmonies

Analogous

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



7ED585



10DAB5



00DAE7

Triad

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



10DAB5



B5B9FF



FFA974

Complementary

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



10DAB5



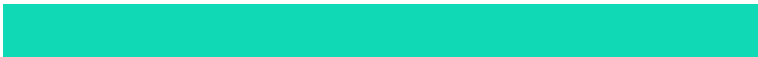
DA1035

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.



FF9B9D



10DAB5



F4A6FC

Square

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



10DAB5



51CAFF



FF9ACE



E8BB5E

Rectangle

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



10DAB5



00D7FF



FF9ACE



FFA480

Sweetspot

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



10DAB5



B8FFF2



35DA10



548078



000000



808080

Same Dimension

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



10DAB5



00FFD0



109ADA



636E6C



00AD8E



002E25

Inverse Universe

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



DA1035



FF002F



DA5010



6E6365



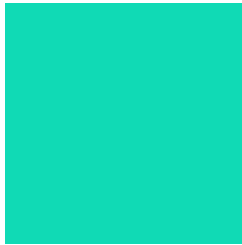
AD0020



2E0008

Previews

White Background



This preview shows how the Hex color 10DAB5 looks on a white background.

Color Contrast Check

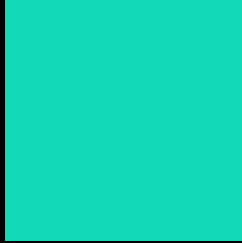
Large Text (above 18pt) WCAG AA × Fail

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 10DAB5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

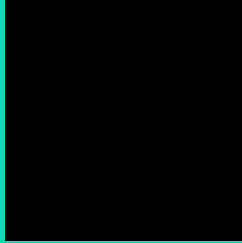
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

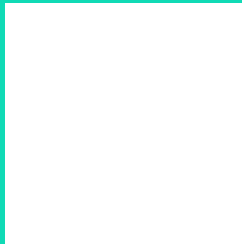
Any Text WCAG AAA ✓ Pass

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

Hex 10DAB5 Background



This preview shows how black text looks on a background with the Hex color 10DAB5.

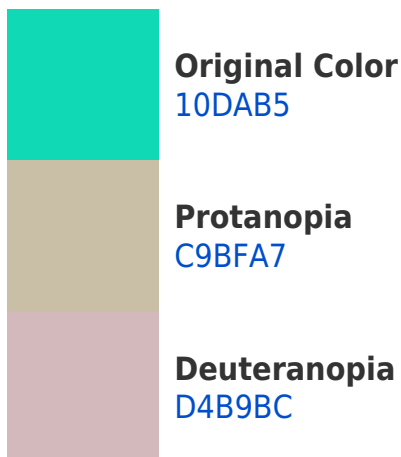


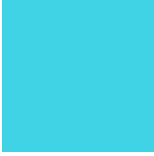
This preview shows how white text looks on a background with the Hex color 10DAB5.

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](#).

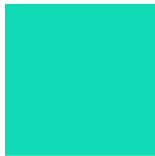
Dichromacy





Tritanopia
40D3E5

Trichromacy



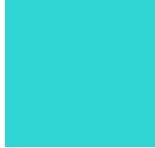
Original Color
10DAB5



Protanomaly
86C9AC



Deuteranomaly
8DC5B9



Tritanomaly
2FD6D4

Monochromacy



Original Color
10DAB5



Achromatopsia
999999



Achromatomaly
67B1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 10DAB5 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 #10DAB5 looks like.

```
.text, #text, p{  
    color:#10DAB5  
}
```

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 #10DAB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10DAB5
}
```

Border

The CSS property to change the border of an element to Hex 10DAB5 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
#10DAB5 }
```

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

```
.border{ border-color:#10DAB5 }
```

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

Here you see how a box with a 4 pixel #10DAB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10DAB5; -webkit-box-shadow:4px 4px  
4px 4px #10DAB5; box-shadow:4px 4px 4px  
4px #10DAB5 }
```

Background

The CSS property to change the background color of an element to Hex 10DAB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10DAB5 }
```

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

```
.background{ background-color:#10DAB5 }
```

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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