

Converting Colors

Hex(10D5E6)

Have a look what the booklet for
Hex(10D5E6) contains.

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Color

Hex(10D5E6)

Conversions

Conversions Part 1

Format	Color
Hex	10D5E6
RGB	16, 213, 230
RGB Percent	6%, 84%, 90%
CMY	0.9373, 0.1647, 0.0980
CMYK	0.93, 0.07, 0.00, 0.10
HSL	185°, 87%, 48%
HSV	185°, 93%, 90%
XYZ	38.2909, 53.4118, 83.1543
YIQ	156.0350, -122.8690, -36.4770

Conversions

Conversions Part 2

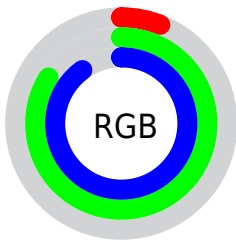
Format	Color
R _{YB}	16, 119, 230
Decimal	1103334
CIE Lab	78.12, -36.40, -20.54
CIE LCh	78, 41.795, 209.437
Yxy	53.4118, 0.2190, 0.3055
Android (android.graphics.Color)	4279293414 (0xFF10D5E6)
YUV	156.0350, 36.4647, -122.8107
Hunter-Lab	73.0834, -34.3738, -16.3018

Details

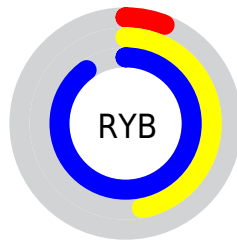
The Hex color **10D5E6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E62110**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **72FFFF**, and **009EAE** is the 20% darker color. If you saturate the color by 10%, you get **00D4E6**, and if you desaturate by 10%, it is **27D7E6**.

Distribution



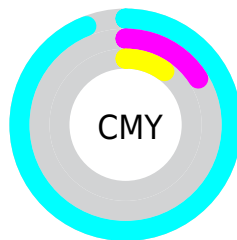
- Red (6%)
- Green (84%)
- Blue (90%)



- Red (6%)
- Yellow (47%)
- Blue (90%)



- Cyan (93%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (94%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10D5E6 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 10D5E6 by changing the saturation by 10% instead.

 10D5E6

 10D5E6

FFFFFF

 00B9CA

 72FFFF

 009EAE

 94FFFF

 008394

 B4FFFF

 00697A

 D4FFFF

 005161

 F4FFFF

 003949

 002533

 00021E

 000000

 10D5E6

 10D5E6

 00D4E6

 27D7E6

 3ED9E6

 55DAE6

 6CDCE6

 83DEE6

 9AE0E6

 B1E2E6

 C8E4E6

 DFE5E6

Harmonies

Analogous

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



4FD6BF



10D5E6



3FD0FF

Triad

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



10D5E6



F1AAE9



DBBF73

Complementary

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



10D5E6



E62110

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.



FAB17F



10D5E6



FFA3C3

Square

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



10D5E6



C4B7FF



FFA69D



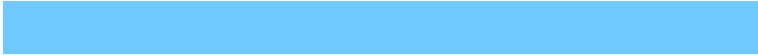
B3CA7C

Rectangle

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



10D5E6



70C9FF



FFA69D



E7BA75

Sweetspot

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



10D5E6



B8F9FF



10E61E



547C80



000000



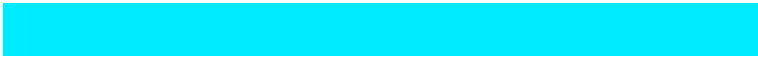
808080

Same Dimension

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



10D5E6



00EBFF



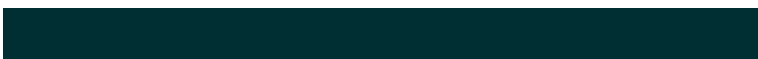
106DE6



677273



00A4B3



002F33

Inverse Universe

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



E610D5



FF00EB



E68910



736772



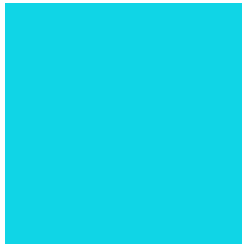
B300A4



33002F

Previews

White Background



This preview shows how the Hex color 10D5E6 looks on a white background.

Color Contrast Check

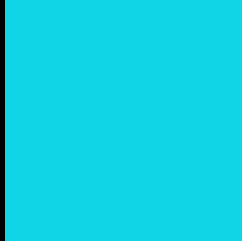
Large Text (above 18pt) WCAG AA × Fail

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 10D5E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

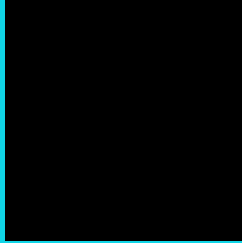
Any Text WCAG AA ✓ Pass

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 10D5E6 Background



This preview shows how black text looks on a background with the Hex color 10D5E6.

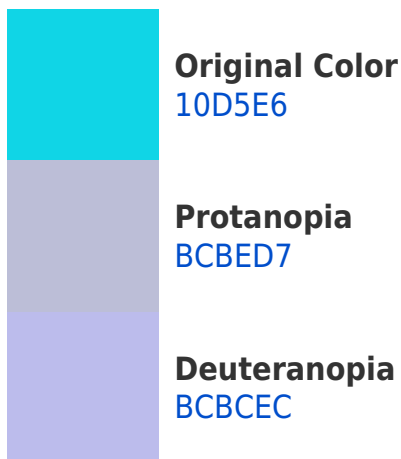


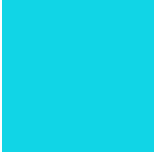
This preview shows how white text looks on a background with the Hex color 10D5E6.

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



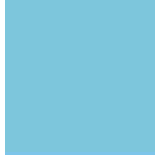


Tritanopia
11D5E6

Trichromacy



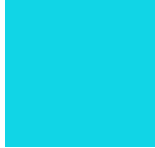
Original Color
10D5E6



Protanomaly
7DC6DC



Deuteranomaly
7DC5EA

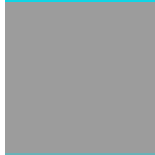


Tritanomaly
11D5E6

Monochromacy



Original Color
10D5E6



Achromatopsia
9C9C9C



Achromatomaly
69B1B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 10D5E6 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 #10D5E6 looks like.

```
.text, #text, p{  
    color:#10D5E6  
}
```

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 #10D5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10D5E6
}
```

Border

The CSS property to change the border of an element to Hex 10D5E6 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
#10D5E6 }
```

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

```
.border{ border-color:#10D5E6 }
```

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

Here you see how a box with a 4 pixel #10D5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10D5E6; -webkit-box-shadow:4px 4px  
4px 4px #10D5E6; box-shadow:4px 4px 4px  
4px #10D5E6 }
```

Background

The CSS property to change the background color of an element to Hex 10D5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10D5E6 }
```

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

```
.background{ background-color:#10D5E6 }
```

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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