

# Converting Colors

Hex(10BCDE)

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

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# **Color**

**Hex(10BCDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	10BCDE
RGB	16, 188, 222
RGB Percent	6%, 74%, 87%
CMY	0.9373, 0.2627, 0.1294
CMYK	0.93, 0.15, 0.00, 0.13
HSL	190°, 87%, 47%
HSV	190°, 93%, 87%
XYZ	31.3817, 41.3505, 75.4347
YIQ	140.4480, -113.4260, -25.8900

# Conversions

## Conversions Part 2

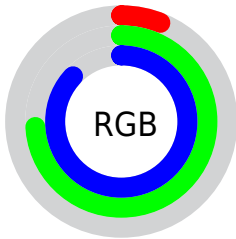
Format	Color
R <sub>Y</sub> B	16, 110, 222
Decimal	1096926
CIE Lab	70.42, -26.92, -27.97
CIE LCh	70, 38.821, 226.092
Yxy	41.3505, 0.2118, 0.2791
Android (android.graphics.Color)	4279287006 (0xFF10BCDE)
YUV	140.4480, 40.2051, -109.1409
Hunter-Lab	64.3044, -25.4214, -24.5393

# Details

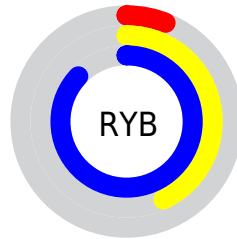
The Hex color **10BCDE** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DE3210**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6EF4FF**, and **0086A7** is the 20% darker color. If you saturate the color by 10%, you get **00B9DE**, and if you desaturate by 10%, it is **26C0DE**.

# Distribution



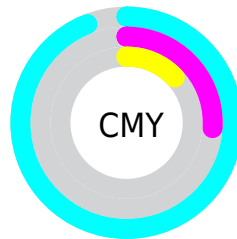
- Red (6%)
- Green (74%)
- Blue (87%)



- Red (6%)
- Yellow (43%)
- Blue (87%)



- Cyan (93%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (94%)
- Magenta (26%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 10BCDE

 10BCDE

FFFFFF

 00A1C2


 6EF4FF

 0086A7

 8FFFFFF

 006D8C

 AEFFFF

 005473

 CEFFFF

 003D5A

 EDFFFF

 002742

 00062C

 000117

 000000

■ 10BCDE

■ 10BCDE

■ 00B9DE

■ 26C0DE

■ 3CC3DE

■ 53C7DE

■ 69CBDE

■ 7FCEDE

■ 95D2DE

■ ABD6DE

■ C2D9DE

■ D8DDDE

# Harmonies

## Analogous

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



22BFBF



10BCDE



5AB5F0

# Triad

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



10BCDE



E793BE



B0B067

# Complementary

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



10BCDE



DE3210

# 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.



D2A468



10BCDE



F1919A

# Square

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



10BCDE



C89CDD



E9987B



89B97A

# Rectangle

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



10BCDE



85ADF2



E9987B



BCAC65

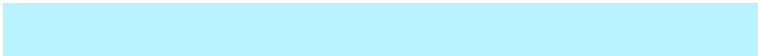


# Sweetspot

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



10BCDE



B8F3FF



10DE2F



547880



000000



808080

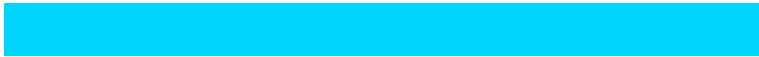


# Same Dimension

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



10BCDE



00D5FF



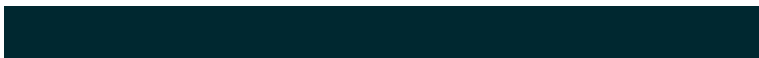
1058DE



656E70



0093B0



002830



# Inverse Universe

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



DE10BC



FF00D5



DE9610



70656E



B00093

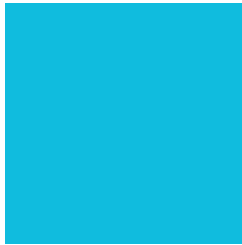


300028



# Previews

## White Background



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

## Color Contrast Check

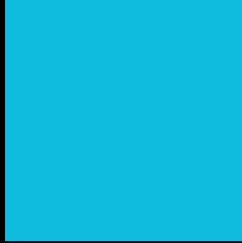
Large Text (above 18pt) WCAG AA × Fail

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 10BCDE 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 10BCDE Background



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

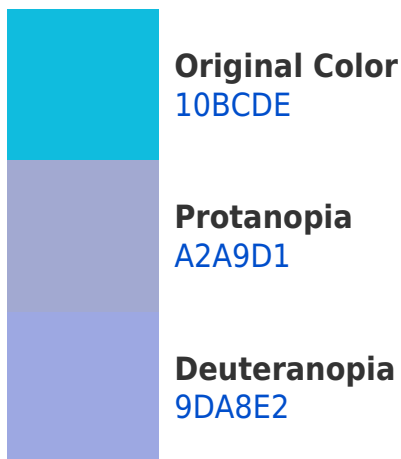


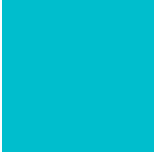
This preview shows how white text looks on a background with the Hex color 10BCDE.

# Color Blindness Simulation

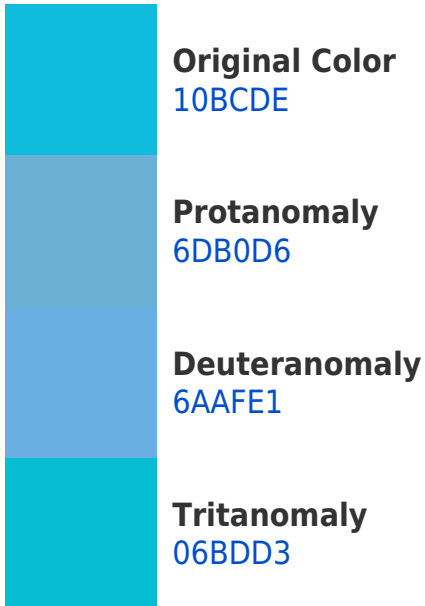
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

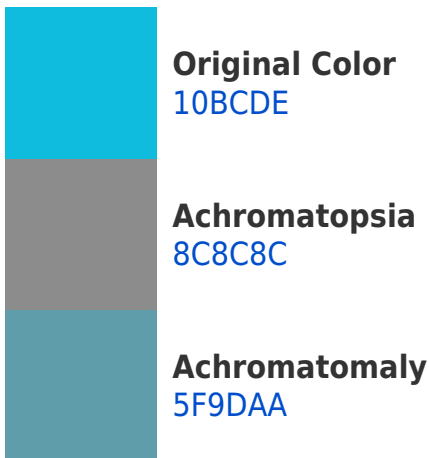




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #10BCDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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