

# Converting Colors

Hex(18DCE3)

Have a look what the booklet for  
Hex(18DCE3) contains.

<b>Hex(18DCE3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(18DCE3)

# Conversions

## Conversions Part 1

Format	Color
Hex	18DCE3
RGB	24, 220, 227
RGB Percent	9%, 86%, 89%
CMY	0.9059, 0.1373, 0.1098
CMYK	0.89, 0.03, 0.00, 0.11
HSL	182°, 81%, 49%
HSV	182°, 89%, 89%
XYZ	39.8350, 56.9266, 81.5615
YIQ	162.1940, -119.0630, -39.3750

# Conversions

## Conversions Part 2

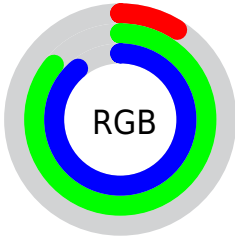
Format	Color
RYP	24, 124, 227
Decimal	1629411
CIELab	80.14, -40.21, -15.88
CIElCh	80, 43.233, 201.552
Yxy	56.9266, 0.2234, 0.3192
Android (android.graphics.Color)	4279819491 (0xFF18DCE3)
YUV	162.1940, 31.9494, -121.1961
Hunter-Lab	75.4497, -37.7948, -11.2779

# Details

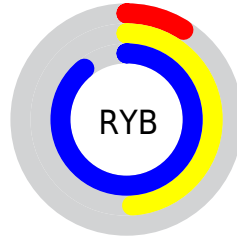
The Hex color **18DCE3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E31F18**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **75FFFF**, and **00A4AC** is the 20% darker color. If you saturate the color by 10%, you get **01DBE3**, and if you desaturate by 10%, it is **2FDDE3**.

# Distribution



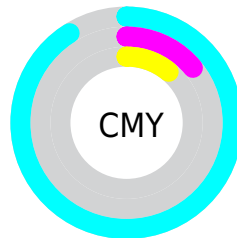
- Red (9%)
- Green (86%)
- Blue (89%)



- Red (9%)
- Yellow (49%)
- Blue (89%)



- Cyan (89%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18DCE3 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 18DCE3 by changing the saturation by 10% instead.



 18DCE3

 18DCE3


FFFFFF

 00C0C7


 75FFFF

 00A4AC

 96FFFF

 008991

 B7FFFF

 006F77

 D6FFFF

 00565F

 F6FFFF

 003E47

 002931

 00021D

 000000

■ 18DCE3

■ 18DCE3

■ 01DBE3

■ 2FDDE3

■ 00DBE3

■ 45DEE3

■ 5CDEE3

■ 73DFE3

■ 8AE0E3

■ A0E1E3

■ B7E1E3

■ CEE2E3

■ E4E3E3

# Harmonies

## Analogous

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



5FDCBA



18DCE3



26D8FF

# Triad

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



18DCE3



EFB2F9



EBC077

# Complementary

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



18DCE3



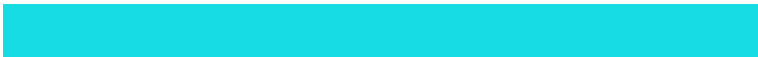
E31F18

# 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.



FFB289



18DCE3



FFA8D4

# Square

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



18DCE3



BBC1FF



FFA9AB



C4CD7A

# Rectangle

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



18DCE3



5DD2FF



FFA9AB



F7BC7B



# Sweetspot

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



18DCE3



BAFDFF



18E31F



577E80



000000



808080



# Same Dimension

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



18DCE3



00F6FF



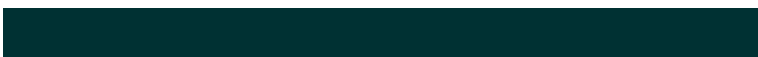
1877E3



677273



00ACB3



003133



# Inverse Universe

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



E318DC



FF00F6



E38418



736772



B300AC

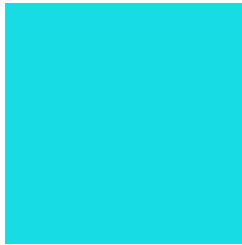


330031



# Previews

## White Background



This preview shows how the Hex color 18DCE3 looks on a white background.

## Color Contrast Check

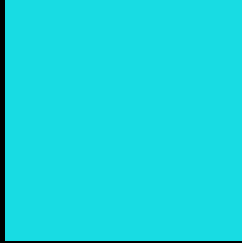
Large Text (above 18pt) WCAG AA × Fail

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 18DCE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

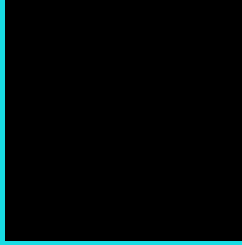
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 18DCE3 Background



This preview shows how black text looks on a background with the Hex color 18DCE3.

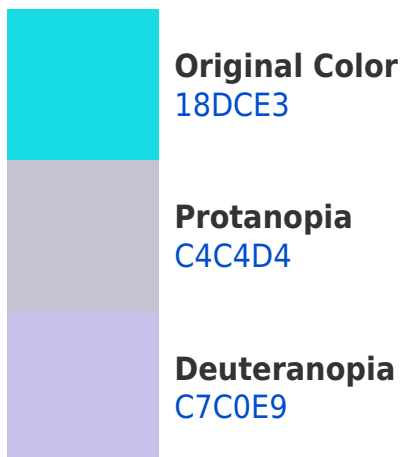


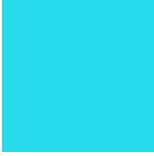
This preview shows how white text looks on a background with the Hex color 18DCE3.

# 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](#).

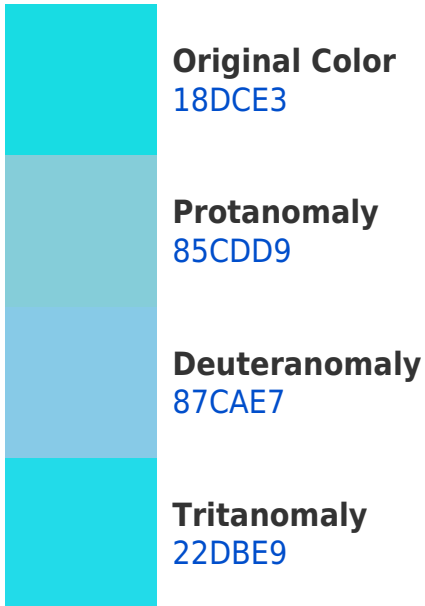
## Dichromacy



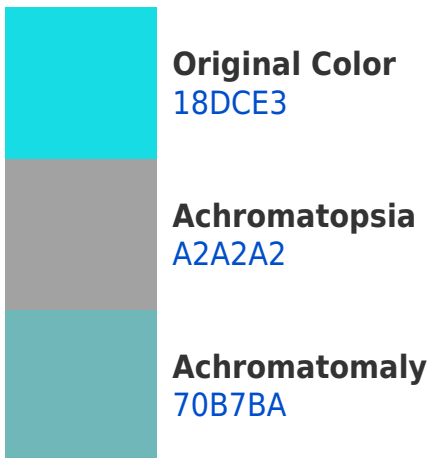


**Tritanopia**  
27DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18DCE3 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 #18DCE3 looks like.

```
.text, #text, p{  
    color:#18DCE3  
}
```

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 #18DCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18DCE3
}
```

## Border

The CSS property to change the border of an element to Hex 18DCE3 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
#18DCE3 }
```

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

```
.border{ border-color:#18DCE3 }
```

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

Here you see how a box with a 4 pixel #18DCE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18DCE3; -webkit-box-shadow:4px 4px  
4px 4px #18DCE3; box-shadow:4px 4px 4px  
4px #18DCE3 }
```

# Background

The CSS property to change the background color of an element to Hex 18DCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18DCE3 }
```

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

```
.background{ background-color:#18DCE3 }
```

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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