

# Converting Colors

Hex(19DBE4)

Have a look what the booklet for  
Hex(19DBE4) contains.

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# **Color**

**Hex(19DBE4)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 19DBE4                        |
| RGB         | 25, 219, 228                  |
| RGB Percent | 10%, 86%, 89%                 |
| CMY         | 0.9020, 0.1412, 0.1059        |
| CMYK        | 0.89, 0.04, 0.00, 0.11        |
| HSL         | 183°, 80%, 50%                |
| HSV         | 183°, 89%, 89%                |
| XYZ         | 39.7360, 56.4711, 82.2045     |
| YIQ         | 162.0200, -118.5130, -38.3290 |

# Conversions

## Conversions Part 2

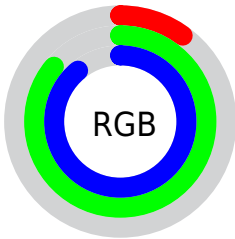
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 25, 124, 228                    |
| Decimal                             | 1694692                         |
| CIE Lab                             | 79.88, -39.41, -16.80           |
| CIE LCh                             | 80, 42.844, 203.088             |
| Yxy                                 | 56.4711, 0.2227,<br>0.3165      |
| Android<br>(android.graphics.Color) | 4279884772<br>(0xFF19DBE4)      |
| YUV                                 | 162.0200, 32.5281,<br>-120.1665 |
| Hunter-Lab                          | 75.1473, -37.1214,<br>-12.2549  |

# Details

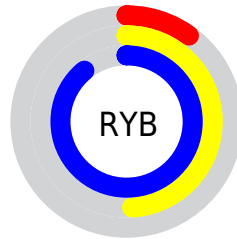
The Hex color **19DBE4** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E42219**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **75FFFF**, and **00A3AD** is the 20% darker color. If you saturate the color by 10%, you get **02DAE4**, and if you desaturate by 10%, it is **30DCE4**.

# Distribution



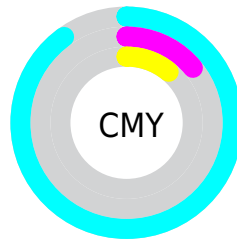
- Red (10%)
- Green (86%)
- Blue (89%)



- Red (10%)
- Yellow (49%)
- Blue (89%)



- Cyan (89%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (90%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19DBE4 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 19DBE4 by changing the saturation by 10% instead.



 19DBE4

 19DBE4

FFFFFF

 00BFC8

 75FFFF

 00A3AD

 96FFFF

 008992

 B7FFFF


 006F78

 D7FFFF

 005560

 F6FFFF

 003D48

 002831

 00021D

 000000

 19DBE4

 19DBE4

 02DAE4

 30DCE4

 00DAE4

 47DDE4

 5DDEE4

 74DFE4

 8BE0E4

 A2E1E4

 B9E2E4

 CFE3E4

 E6E4E4

# Harmonies

## Analogous

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



5DDBBB



19DBE4



2ED6FF

# Triad

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



19DBE4



F0B1F7



E9C076

# Complementary

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



19DBE4



E42219

# 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.



FFB388



19DBE4



FFA8D1

# Square

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



19DBE4



BDBFFF



FFA9A9



C1CD7B

# Rectangle

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



19DBE4



62D1FF



FFA9A9



F4BC7A



# Sweetspot

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



19DBE4



BAFCFF



19E420



577E80



000000



808080



# Same Dimension

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



19DBE4



00F4FF



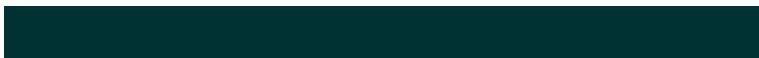
1978E4



677273



00ABB3



003133



# Inverse Universe

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



E419DB



FF00F4



E48519



736772



B300AB

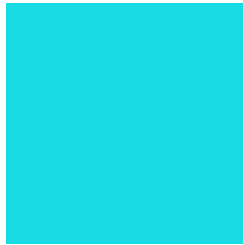


330031



# Previews

## White Background



This preview shows how the Hex color 19DBE4 looks on a white background.

## Color Contrast Check

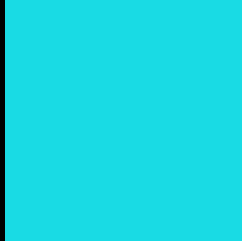
Large Text (above 18pt) WCAG AA × Fail

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 19DBE4 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 19DBE4 Background



This preview shows how black text looks on a background with the Hex color 19DBE4.

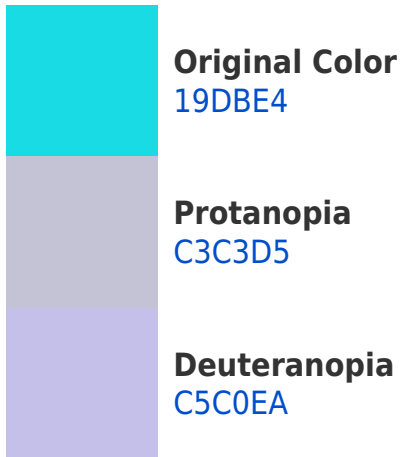


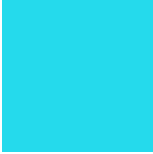
This preview shows how white text looks on a background with the Hex color 19DBE4.

# 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

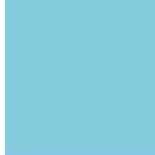




# Trichromacy



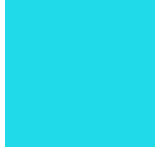
**Original Color**  
19DBE4



**Protanomaly**  
85CCDA



**Deuteranomaly**  
86CAE8



**Tritanomaly**  
21DAE9

# Monochromacy



**Original Color**  
19DBE4



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
70B7BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19DBE4 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 #19DBE4 looks like.

```
.text, #text, p{  
    color:#19DBE4  
}
```

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 #19DBE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19DBE4
}
```

## Border

The CSS property to change the border of an element to Hex 19DBE4 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
#19DBE4 }
```

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

```
.border{ border-color:#19DBE4 }
```

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

Here you see how a box with a 4 pixel #19DBE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19DBE4; -webkit-box-shadow:4px 4px  
4px 4px #19DBE4; box-shadow:4px 4px 4px  
4px #19DBE4 }
```

# Background

The CSS property to change the background color of an element to Hex 19DBE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19DBE4 }
```

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

```
.background{ background-color:#19DBE4 }
```

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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