

# Converting Colors

Hex(19BBE6)

Have a look what the booklet for  
Hex(19BBE6) contains.

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# **Color**

**Hex(19BBE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19BBE6
RGB	25, 187, 230
RGB Percent	10%, 73%, 90%
CMY	0.9020, 0.2667, 0.0980
CMYK	0.89, 0.19, 0.00, 0.10
HSL	193°, 80%, 50%
HSV	193°, 89%, 90%
XYZ	32.4542, 41.4605, 81.1551
YIQ	143.4640, -110.3550, -20.9710

# Conversions

## Conversions Part 2

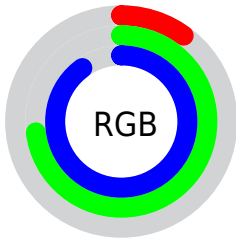
Format	Color
R <sub>Y</sub> B	25, 115, 230
Decimal	1686502
CIE Lab	70.50, -23.36, -32.20
CIE LCh	70, 39.783, 234.042
Yxy	41.4605, 0.2093, 0.2674
Android (android.graphics.Color)	4279876582 (0xFF19BBE6)
YUV	143.4640, 42.6622, -103.8929
Hunter-Lab	64.3898, -22.7135, -29.6545

# Details

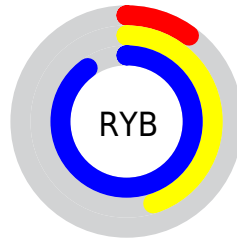
The Hex color **19BBE6** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **E64419**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **71F3FF**, and **0086AE** is the 20% darker color. If you saturate the color by 10%, you get **02B6E6**, and if you desaturate by 10%, it is **30C0E6**.

# Distribution



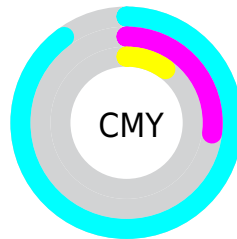
- Red (10%)
- Green (73%)
- Blue (90%)



- Red (10%)
- Yellow (45%)
- Blue (90%)



- Cyan (89%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (27%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19BBE6 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 19BBE6 by changing the saturation by 10% instead.



19BBE6

19BBE6

FFFFFF

00A0CA

71F3FF

0086AE

92FFFF

006C94

B2FFFF

00547A

D1FFFF

003C61

F1FFFF

002749

000832

00021C

000000

■ 19BBE6

■ 19BBE6

■ 02B6E6

■ 30C0E6

■ 00B6E6

■ 47C5E6

■ 5EC9E6

■ 75CEE6

■ 8CD3E6

■ A3D8E6

■ BADDE6

■ D1E2E6

■ E8E6E6

# Harmonies

## Analogous

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



00BFC9



19BBE6



69B2F4

# Triad

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



19BBE6



ED91B5



A6B369

# Complementary

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



19BBE6



E64419

# 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.



CAA864



19BBE6



F29291

# Square

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



19BBE6



D399D7



E59B73



7CBB81

# Rectangle

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



19BBE6



93AAF2



E59B73



B3B065

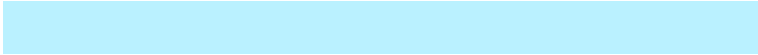


# Sweetspot

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



19BBE6



BAF1FF



19E642



577780



000000



808080

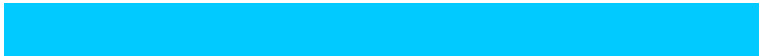


# Same Dimension

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



19BBE6



00CAFF



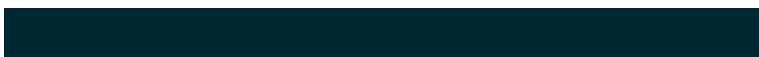
1956E6



677073



008DB3



002833



# Inverse Universe

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



E619BB



FF00CA



E6A819



736770



B3008D

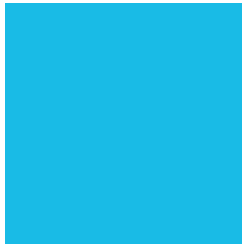


330028



# Previews

## White Background



This preview shows how the Hex color 19BBE6 looks on a white background.

## Color Contrast Check

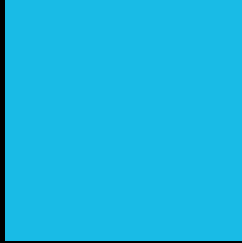
Large Text (above 18pt) WCAG AA × Fail

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 19BBE6 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 19BBE6 Background



This preview shows how black text looks on a background with the Hex color 19BBE6.

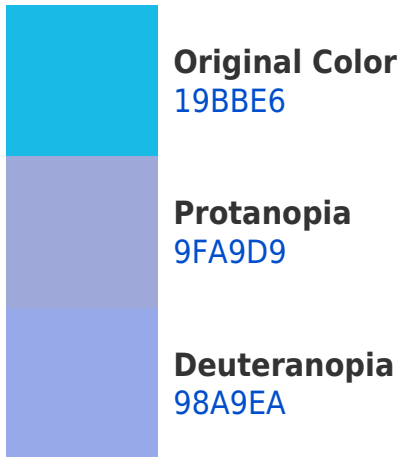


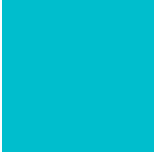
This preview shows how white text looks on a background with the Hex color 19BBE6.

# 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 19BBE6 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 #19BBE6 looks like.

```
.text, #text, p{  
    color:#19BBE6  
}
```

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 #19BBE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19BBE6
}
```

## Border

The CSS property to change the border of an element to Hex 19BBE6 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
#19BBE6 }
```

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

```
.border{ border-color:#19BBE6 }
```

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

Here you see how a box with a 4 pixel #19BBE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19BBE6; -webkit-box-shadow:4px 4px  
4px 4px #19BBE6; box-shadow:4px 4px 4px  
4px #19BBE6 }
```

# Background

The CSS property to change the background color of an element to Hex 19BBE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19BBE6 }
```

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

```
.background{ background-color:#19BBE6 }
```

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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