

Converting Colors

Hex(19BBDA)

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

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Color

Hex(19BBDA)

Conversions

Conversions Part 1

Format	Color
Hex	19BBDA
RGB	25, 187, 218
RGB Percent	10%, 73%, 85%
CMY	0.9020, 0.2667, 0.1451
CMYK	0.89, 0.14, 0.00, 0.15
HSL	190°, 79%, 48%
HSV	190°, 89%, 85%
XYZ	30.8261, 40.8093, 72.5819
YIQ	142.0960, -106.5030, -24.7030

Conversions

Conversions Part 2

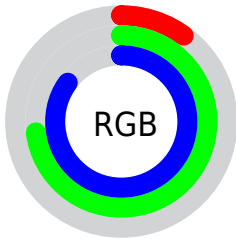
Format	Color
R_{YB}	25, 113, 218
Decimal	1686490
CIE _{Lab}	70.04, -27.34, -26.36
CIE _{LCh}	70, 37.981, 223.955
Yxy	40.8093, 0.2137, 0.2830
Android (android.graphics.Color)	4279876570 (0xFF19BBDA)
YUV	142.0960, 37.4207, -102.6932
Hunter-Lab	63.8821, -25.6592, -22.6469

Details

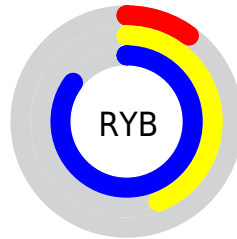
The Hex color **19BBDA** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DA3819**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6FF3FF**, and **0085A3** is the 20% darker color. If you saturate the color by 10%, you get **03B7DA**, and if you desaturate by 10%, it is **2FBFDA**.

Distribution



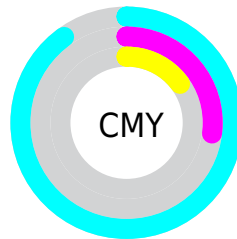
- Red (10%)
- Green (73%)
- Blue (85%)



- Red (10%)
- Yellow (44%)
- Blue (85%)



- Cyan (89%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (90%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

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

19BBDA

19BBDA

FFFFFF

00A0BE

6FF3FF

0085A3

90FFFF

006C89

AFFFFFFF

00536F

CEFFFF

003C57

EEFFFF

00263F

00032A

000114

000000

■ 19BBDA

■ 19BBDA

■ 03B7DA

■ 2FBFDA

■ 00B7DA

■ 45C2DA

■ 5AC6DA

■ 70C9DA

■ 86CDDA

■ 9CD0DA

■ B2D4DA

■ C7D7DA

■ DDDBDA

Harmonies

Analogous

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



2CBEBB



19BBDA



58B4ED

Triad

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



19BBDA



E393BF



B2AE67

Complementary

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



19BBDA



DA3819

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.



D2A369



19BBDA



EF919C

Square

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



19BBDA



C49CDD



E8977D



8BB778

Rectangle

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



19BBDA



81ADF0



E8977D



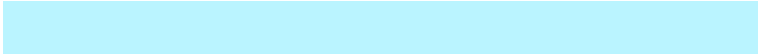
BDAB66

Sweetspot

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



19BBDA



BAF4FF



19DA36



577980



000000



808080

Same Dimension

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



19BBDA



00D6FF



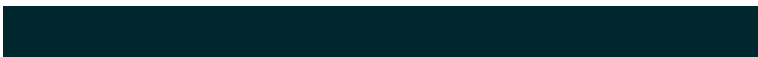
195DDA



636C6E



0092AD



00272E

Inverse Universe

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



DA19BB



FF00D6



DA9619



6E636C



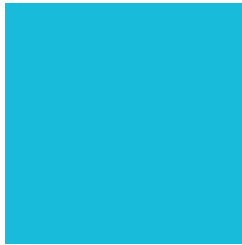
AD0092



2E0027

Previews

White Background



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

Color Contrast Check

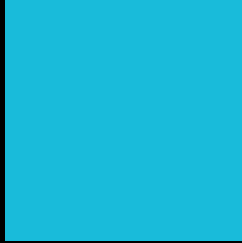
Large Text (above 18pt) WCAG AA × Fail

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 19BBDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

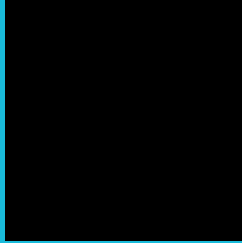
Any Text WCAG AA ✓ Pass

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 19BBDA Background



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

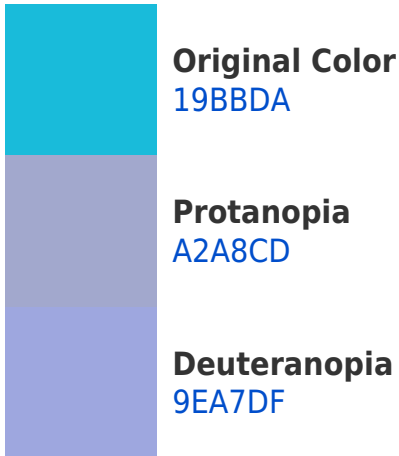


This preview shows how white text looks on a background with the Hex color 19BBDA.

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

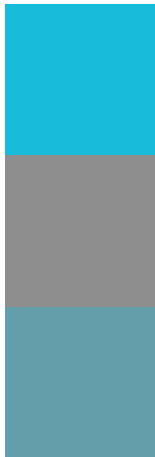


Original Color
19BBDA

Protanomaly
70AFD2

Deuteranomaly
6EAEDD

Monochromacy



Original Color
19BBDA

Achromatopsia
8E8E8E

Achromatomaly
639EAA

CSS Examples

Text

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

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

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 #19BBDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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