

Converting Colors

Hex(19A3DD)

Have a look what the booklet for
Hex(19A3DD) contains.

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Color

Hex(19A3DD)

Conversions

Conversions Part 1

Format	Color
Hex	19A3DD
RGB	25, 163, 221
RGB Percent	10%, 64%, 87%
CMY	0.9020, 0.3608, 0.1333
CMYK	0.89, 0.26, 0.00, 0.13
HSL	198°, 80%, 48%
HSV	198°, 89%, 87%
XYZ	26.5492, 31.6215, 73.1109
YIQ	128.3500, -100.8660, -11.2180

Conversions

Conversions Part 2

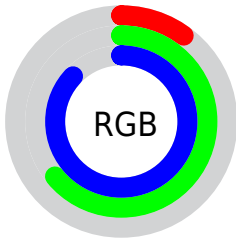
Format	Color
RYB	25, 106, 221
Decimal	1680349
CIELab	63.03, -13.80, -38.88
CIELCh	63, 41.253, 250.461
Yxy	31.6215, 0.2022, 0.2409
Android (android.graphics.Color)	4279870429 (0xFF19A3DD)
YUV	128.3500, 45.6765, -90.6379
Hunter-Lab	56.2330, -14.1327, -37.7223

Details

The Hex color **19A3DD** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **DD5319**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6EDAFF**, and **006FA6** is the 20% darker color. If you saturate the color by 10%, you get **039CDD**, and if you desaturate by 10%, it is **2FAADD**.

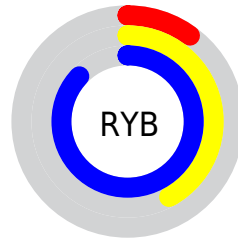
Distribution



Red (10%)

Green (64%)

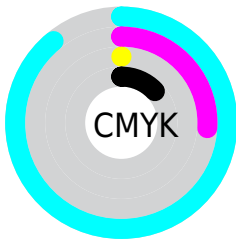
Blue (87%)



Red (10%)

Yellow (42%)

Blue (87%)

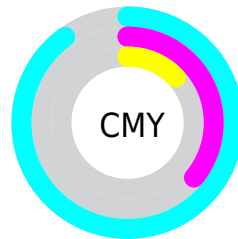


Cyan (89%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (90%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19A3DD 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 19A3DD by changing the saturation by 10% instead.

19A3DD

19A3DD

FFFFFF

0089C1

6EDAFF

006FA6

8EF6FF

00578B

ADFFFF

004071

CCFFFF

002A58

EBFFFF

001741

00032A

000114

000000

■ 19A3DD

■ 19A3DD

■ 039CDD

■ 2FAADD

■ 009CDD

■ 45B0DD

■ 5BB7DD

■ 71BDDD

■ 87C4DD

■ 9ECADD

■ B4D1DD

■ CAD7DD

■ E0DEDD

Harmonies

Analogous

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



00AAC7



19A3DD



7598E0

Triad

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



19A3DD



DE7B8D



7BA45F

Complementary

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



19A3DD



DD5319

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.



A39B4F



19A3DD



D9816B

Square

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



19A3DD



D07EB2



C38E53



49AA7F

Rectangle

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



19A3DD



9C8FD8



C38E53



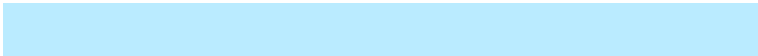
89A157

Sweetspot

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



19A3DD



BAEBFF



19DD51



577380



000000



808080

Same Dimension

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



19A3DD



00B4FF



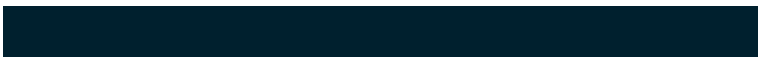
1943DD



636A6E



007AAD



00202E

Inverse Universe

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



DD19A3



FF00B4



DDB319



6E636A



AD007A



2E0020

Previews

White Background



This preview shows how the Hex color 19A3DD 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 19A3DD 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 19A3DD Background



This preview shows how black text looks on a background with the Hex color 19A3DD.

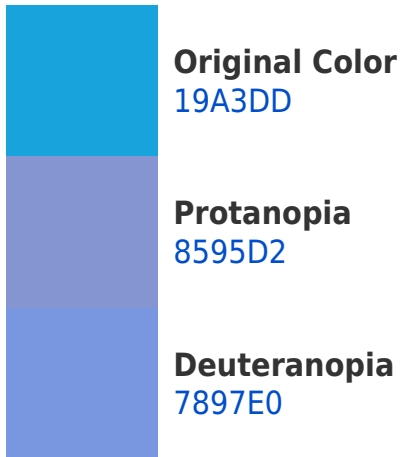


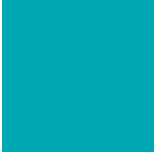
This preview shows how white text looks on a background with the Hex color 19A3DD.

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](#).

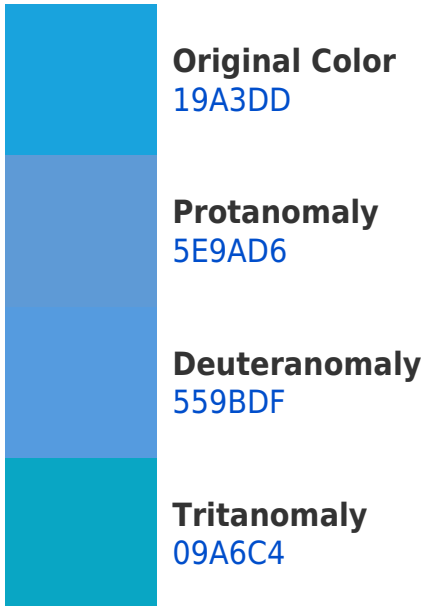
Dichromacy



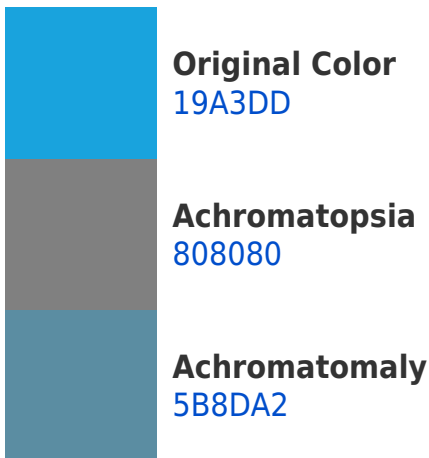


Tritanopia
00A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 19A3DD 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 #19A3DD looks like.

```
.text, #text, p{  
    color:#19A3DD  
}
```

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 #19A3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19A3DD
}
```

Border

The CSS property to change the border of an element to Hex 19A3DD 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
#19A3DD }
```

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

```
.border{ border-color:#19A3DD }
```

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

Here you see how a box with a 4 pixel #19A3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19A3DD; -webkit-box-shadow:4px 4px  
4px 4px #19A3DD; box-shadow:4px 4px 4px  
4px #19A3DD }
```

Background

The CSS property to change the background color of an element to Hex 19A3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19A3DD }
```

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

```
.background{ background-color:#19A3DD }
```

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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