

# Converting Colors

Hex(1A9FD3)

Have a look what the booklet for  
Hex(1A9FD3) contains.

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# Color

Hex(1A9FD3)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A9FD3
RGB	26, 159, 211
RGB Percent	10%, 62%, 83%
CMY	0.8980, 0.3765, 0.1725
CMYK	0.88, 0.25, 0.00, 0.17
HSL	197°, 78%, 46%
HSV	197°, 88%, 83%
XYZ	24.5820, 29.7190, 66.0688
YIQ	125.1610, -95.9600, -12.0240

# Conversions

## Conversions Part 2

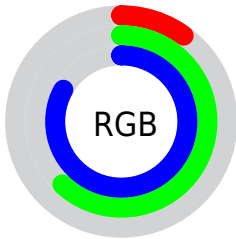
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 103, 211
Decimal	1744851
CIE Lab	61.41, -15.10, -35.85
CIE LCh	61, 38.905, 247.155
Yxy	29.7190, 0.2042, 0.2469
Android (android.graphics.Color)	4279934931 (0xFF1A9FD3)
YUV	125.1610, 42.3186, -86.9642
Hunter-Lab	54.5152, -14.9122, -33.6949

# Details

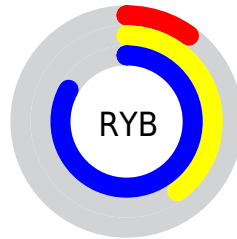
The Hex color **1A9FD3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D34E1A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6CD6FF**, and **006C9C** is the 20% darker color. If you saturate the color by 10%, you get **0599D3**, and if you desaturate by 10%, it is **2FA5D3**.

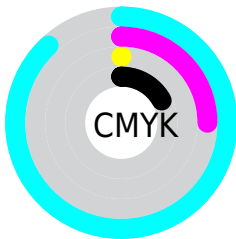
# Distribution



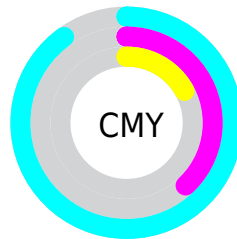
- Red (10%)
- Green (62%)
- Blue (83%)



- Red (10%)
- Yellow (40%)
- Blue (83%)



- Cyan (88%)
- Magenta (25%)
- Yellow (0%)
- Black (17%)



- Cyan (90%)
- Magenta (38%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A9FD3 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 1A9FD3 by changing the saturation by 10% instead.



■ 1A9FD3

■ 1A9FD3

FFFFFF

■ 0085B7

■ 6CD6FF

■ 006C9C

■ 8CF2FF

■ 005382

■ AAFFFF

■ 003C69

■ C9FFFF

■ 002750

■ E8FFFF

■ 000E39

■ 000223

■ 000009

■ 000000

■ 1A9FD3

■ 1A9FD3

■ 0599D3

■ 2FA5D3

■ 0098D3

■ 44ABD3

■ 59B1D3

■ 6EB7D3

■ 84BDD3

■ 99C3D3

■ AEC9D3

■ C3CED3

■ D8D4D3

# Harmonies

## Analogous

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



00A5BD



1A9FD3



6D95D8

# Triad

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



1A9FD3



D6788D



7D9E5C

# Complementary

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



1A9FD3



D34E1A

# 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.



A2954F



1A9FD3



D27E6C

# Square

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



1A9FD3



C67DB0



C08955



51A478

# Rectangle

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



1A9FD3



938DD1



C08955



8A9C55

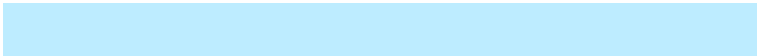


# Sweetspot

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



1A9FD3



BDECFE



1AD34B



587480



000000



808080

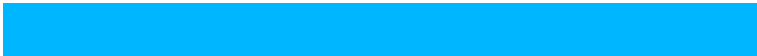


# Same Dimension

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



1A9FD3



00B7FF



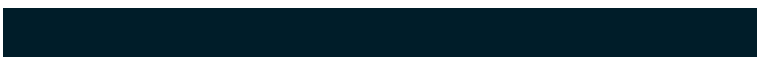
1A45D3



5E6669



0079A8



001D29



# Inverse Universe

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



D31A9F



FF00B7



D3A81A



695E66



A80079



29001D



# Previews

## White Background



This preview shows how the Hex color 1A9FD3 looks on a white background.

## Color Contrast Check

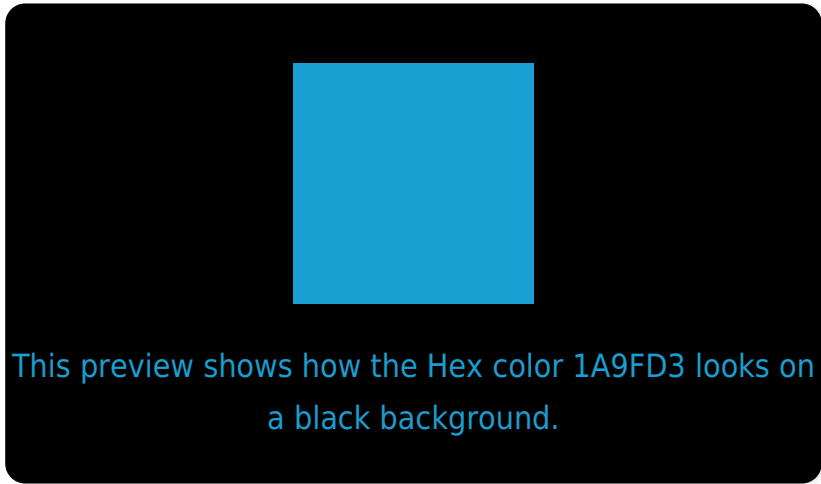
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Hex 1A9FD3 Background



This preview shows how black text looks on a background with the Hex color 1A9FD3.

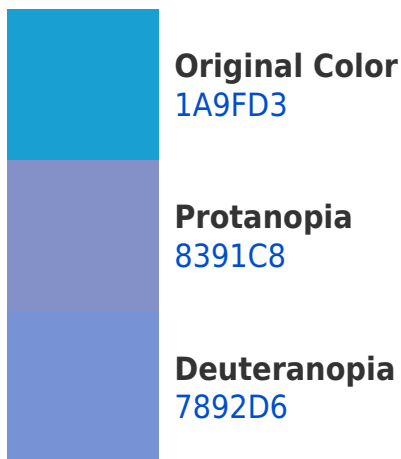


This preview shows how white text looks on a background with the Hex color 1A9FD3.

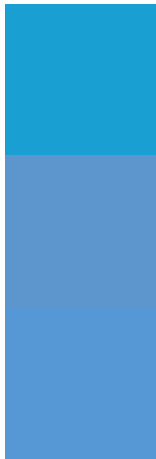
# Color Blindness Simulation

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**  
1A9FD3

**Protanomaly**  
5D96CC

**Deuteranomaly**  
5697D5

# Monochromacy



**Original Color**  
1A9FD3

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
59899C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A9FD3 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 #1A9FD3 looks like.

```
.text, #text, p{  
    color:#1A9FD3  
}
```

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 #1A9FD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A9FD3
}
```

## Border

The CSS property to change the border of an element to Hex 1A9FD3 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
#1A9FD3 }
```

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

```
.border{ border-color:#1A9FD3 }
```

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

Here you see how a box with a 4 pixel #1A9FD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A9FD3; -webkit-box-shadow:4px 4px  
4px 4px #1A9FD3; box-shadow:4px 4px 4px  
4px #1A9FD3 }
```

# Background

The CSS property to change the background color of an element to Hex 1A9FD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A9FD3 }
```

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

```
.background{ background-color:#1A9FD3 }
```

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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