

# Converting Colors

Hex(1A9BEF)

Have a look what the booklet for  
Hex(1A9BEF) contains.

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# Color

Hex(1A9BEF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1A9BEF
RGB	26, 155, 239
RGB Percent	10%, 61%, 94%
CMY	0.8980, 0.3922, 0.0627
CMYK	0.89, 0.35, 0.00, 0.06
HSL	204°, 87%, 52%
HSV	204°, 89%, 94%
XYZ	27.7273, 29.8943, 85.9701
YIQ	126.0050, -103.8480, -1.2240

# Conversions

## Conversions Part 2

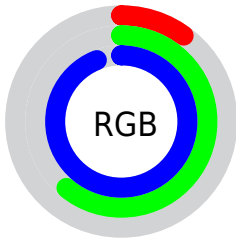
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 106, 239
Decimal	1743855
CIE Lab	61.56, -2.71, -51.12
CIE LCh	62, 51.196, 266.962
Yxy	29.8943, 0.1931, 0.2082
Android (android.graphics.Color)	4279933935 (0xFF1A9BEF)
YUV	126.0050, 55.7065, -87.7044
Hunter-Lab	54.6757, -5.1608, -54.9526

# Details

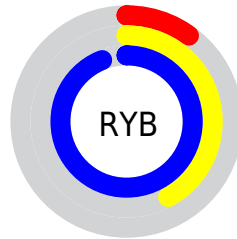
The Hex color **1A9BEF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EF6E1A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **71D1FF**, and **0068B6** is the 20% darker color. If you saturate the color by 10%, you get **0292EF**, and if you desaturate by 10%, it is **32A4EF**.

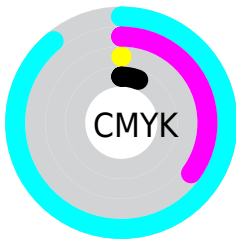
# Distribution



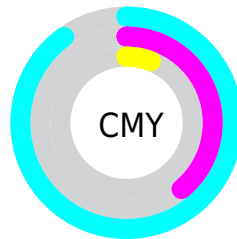
- Red (10%)
- Green (61%)
- Blue (94%)



- Red (10%)
- Yellow (42%)
- Blue (94%)



- Cyan (89%)
- Magenta (35%)
- Yellow (0%)
- Black (6%)



- Cyan (90%)
- Magenta (39%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A9BEF 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 1A9BEF by changing the saturation by 10% instead.



 1A9BEF

 1A9BEF

FFFFFF

 0081D2

 71D1FF

 0068B6

 92EDFF

 00519B

 B2FFFF

 003A81

 D1FFFF

 002667

 F1FFFF

 00104F

 000537

 000221

 000005

■ 1A9BEF

■ 1A9BEF

■ 0292EF

■ 32A4EF

■ 0091EF

■ 4AAEEF

■ 62B7EF

■ 7AC1EF

■ 91CAEF

■ A9D4EF

■ C1DDEF

■ D9E6EF

■ F1F0EF

# Harmonies

## Analogous

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



00A6E0



1A9BEF



8F8BE6

# Triad

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



1A9BEF



E7716E



4BA761

# Complementary

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



1A9BEF



EF6E1A

# 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.



859E3F



1A9BEF



D48049

# Square

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



1A9BEF



E46D9B



B29136



00AB8E

# Rectangle

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



1A9BEF



B87ED3



B29136



61A454

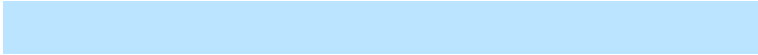


# Sweetspot

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



1A9BEF



BAE4FF



1AEF6C



576F80



000000



808080

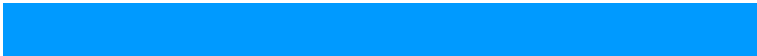


# Same Dimension

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



1A9BEF



009AFF



1A33EF



6C7378



006FB8



002238



# Inverse Universe

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



EF1A9B



FF009A



EFD61A



786C73



B8006F

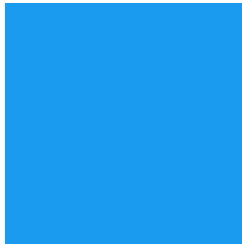


380022



# Previews

## White Background



This preview shows how the Hex color 1A9BEF looks on a white background.

## Color Contrast Check

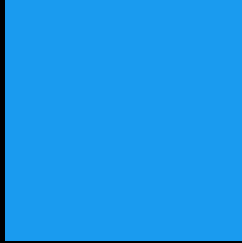
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1A9BEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

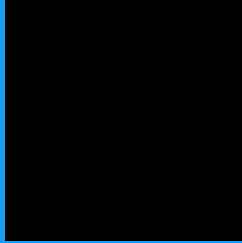
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

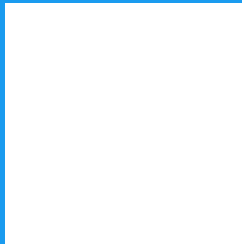
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A9BEF Background



This preview shows how black text looks on a background with the Hex color 1A9BEF.

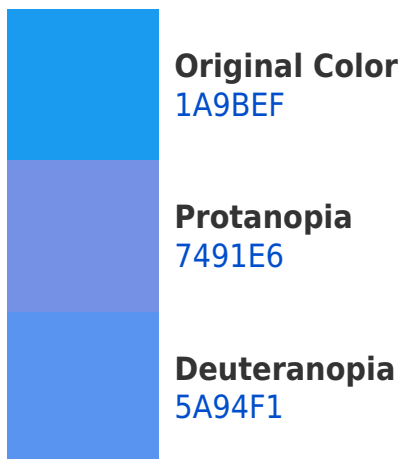


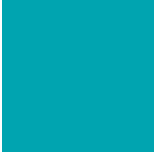
This preview shows how white text looks on a background with the Hex color 1A9BEF.

# 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](#).

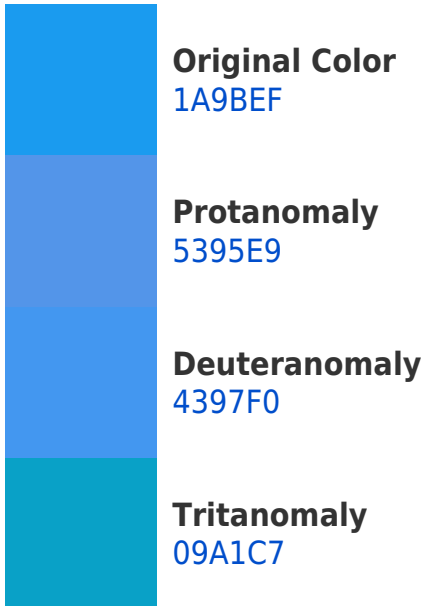
## Dichromacy





**Tritanopia**  
00A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A9BEF 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 #1A9BEF looks like.

```
.text, #text, p{  
    color:#1A9BEF  
}
```

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 #1A9BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A9BEF
}
```

## Border

The CSS property to change the border of an element to Hex 1A9BEF 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
#1A9BEF }
```

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

```
.border{ border-color:#1A9BEF }
```

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

Here you see how a box with a 4 pixel #1A9BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A9BEF; -webkit-box-shadow:4px 4px  
4px 4px #1A9BEF; box-shadow:4px 4px 4px  
4px #1A9BEF }
```

# Background

The CSS property to change the background color of an element to Hex 1A9BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A9BEF }
```

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

```
.background{ background-color:#1A9BEF }
```

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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