

# Converting Colors

Hex(1A9BE1)

Have a look what the booklet for  
Hex(1A9BE1) contains.

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# Color

**Hex(1A9BE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A9BE1
RGB	26, 155, 225
RGB Percent	10%, 61%, 88%
CMY	0.8980, 0.3922, 0.1176
CMYK	0.88, 0.31, 0.00, 0.12
HSL	201°, 79%, 49%
HSV	201°, 88%, 88%
XYZ	25.7380, 29.0985, 75.4942
YIQ	124.4090, -99.3540, -5.5780

# Conversions

## Conversions Part 2

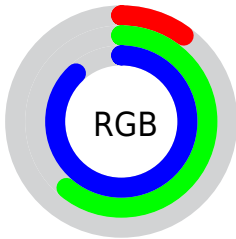
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">26, 104, 225</a>
Decimal	<a href="#">1743841</a>
CIELab	<a href="#">60.87, -7.85, -44.48</a>
CIELCh	<a href="#">61, 45.172, 259.994</a>
Yxy	<a href="#">29.0985, 0.1975, 0.2233</a>
Android (android.graphics.Color)	<a href="#">4279933921 (0xFF1A9BE1)</a>
YUV	<a href="#">124.4090, 49.5914, -86.3047</a>
Hunter-Lab	<a href="#">53.9431, -9.2323, -45.2172</a>

# Details

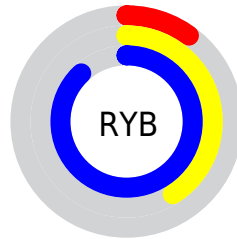
The Hex color **1A9BE1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E1601A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6ED1FF**, and **0068A9** is the 20% darker color. If you saturate the color by 10%, you get **0393E1**, and if you desaturate by 10%, it is **31A3E1**.

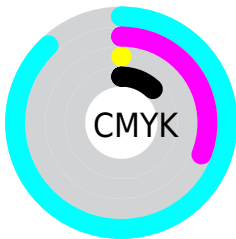
# Distribution



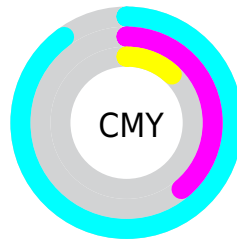
- Red (10%)
- Green (61%)
- Blue (88%)



- Red (10%)
- Yellow (41%)
- Blue (88%)



- Cyan (88%)
- Magenta (31%)
- Yellow (0%)
- Black (12%)



- Cyan (90%)
- Magenta (39%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A9BE1 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 1A9BE1 by changing the saturation by 10% instead.



 1A9BE1

 1A9BE1

FFFFFF

 0081C5

 6ED1FF

 0068A9

 8FEDFF

 00508F

 AEFFFF

 003A75


 CDFFFF

 00255B

 ECFFFF

 000D44

 00032C

 000117

 000000

■ 1A9BE1

■ 1A9BE1

■ 0393E1

■ 31A3E1

■ 0092E1

■ 47ABE1

■ 5EB3E1

■ 74BBE1

■ 8BC3E1

■ A1CAE1

■ B8D2E1

■ CEDAE1

■ E4E2E1

# Harmonies

## Analogous

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



00A3CF



1A9BE1



808EDE

# Triad

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



1A9BE1



DE737A



62A25E

# Complementary

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



1A9BE1



E1601A

# 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.



909945



1A9BE1



D27D57

# Square

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



1A9BE1



D673A2



B68C43



09A684

# Rectangle

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



1A9BE1



A783D0



B68C43



729F53

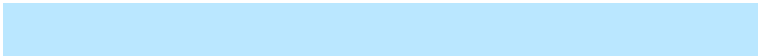


# Sweetspot

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



1A9BE1



BAE7FF



1AE160



577180



000000



808080



# Same Dimension

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



1A9BE1



00A5FF



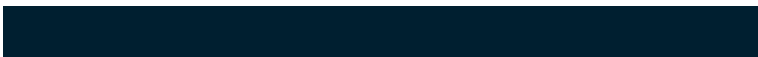
1A38E1



656C70



0072B0



001F30



# Inverse Universe

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



E11A9B



FF00A5



E1C31A



70656C



B00072



30001F



# Previews

## White Background



This preview shows how the Hex color 1A9BE1 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 1A9BE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

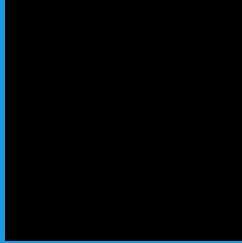
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

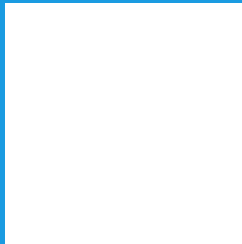
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1A9BE1 Background



This preview shows how black text looks on a background with the Hex color 1A9BE1.

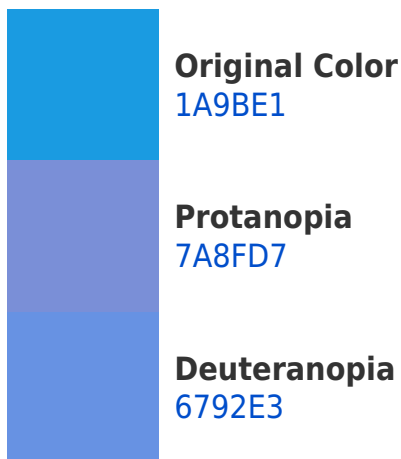


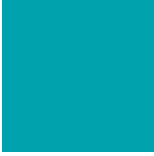
This preview shows how white text looks on a background with the Hex color 1A9BE1.

# 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](#).

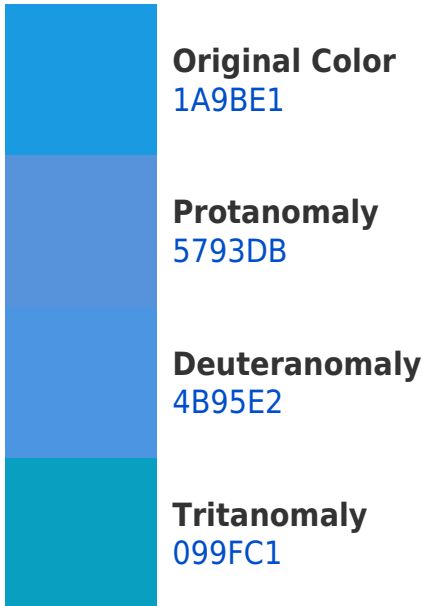
## Dichromacy



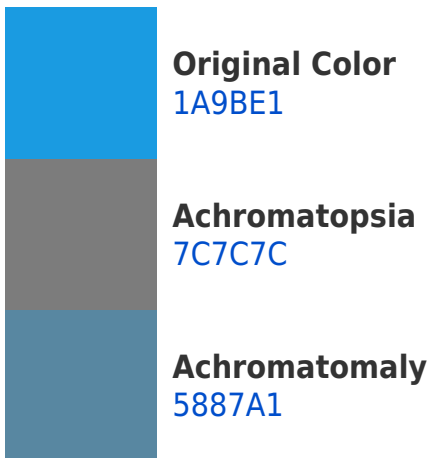


**Tritanopia**  
00A2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A9BE1 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 #1A9BE1 looks like.

```
.text, #text, p{  
    color:#1A9BE1  
}
```

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 #1A9BE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A9BE1
}
```

## Border

The CSS property to change the border of an element to Hex 1A9BE1 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
#1A9BE1 }
```

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

```
.border{ border-color:#1A9BE1 }
```

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

Here you see how a box with a 4 pixel #1A9BE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A9BE1; -webkit-box-shadow:4px 4px  
4px 4px #1A9BE1; box-shadow:4px 4px 4px  
4px #1A9BE1 }
```

# Background

The CSS property to change the background color of an element to Hex 1A9BE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A9BE1 }
```

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

```
.background{ background-color:#1A9BE1 }
```

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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