

Converting Colors

Hex(1DA9E9)

Have a look what the booklet for
Hex(1DA9E9) contains.

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Color

Hex(1DA9E9)

Conversions

Conversions Part 1

Format	Color
Hex	1DA9E9
RGB	29, 169, 233
RGB Percent	11%, 66%, 91%
CMY	0.8863, 0.3373, 0.0863
CMYK	0.88, 0.27, 0.00, 0.09
HSL	199°, 82%, 51%
HSV	199°, 88%, 91%
XYZ	29.4026, 34.5203, 82.2042
YIQ	134.4360, -103.9840, -9.7760

Conversions

Conversions Part 2

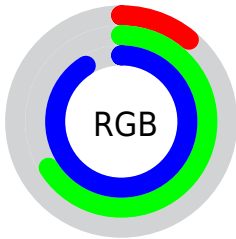
Format	Color
R _Y B	29, 112, 233
Decimal	1944041
CIE Lab	65.37, -12.59, -41.81
CIE LCh	65, 43.668, 253.243
Yxy	34.5203, 0.2012, 0.2362
Android (android.graphics.Color)	4280134121 (0xFF1DA9E9)
YUV	134.4360, 48.5921, -92.4674
Hunter-Lab	58.7540, -13.4916, -41.8263

Details

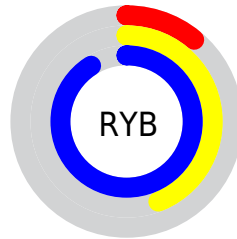
The Hex color **1DA9E9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E95D1D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **72E0FF**, and **0075B1** is the 20% darker color. If you saturate the color by 10%, you get **06A2E9**, and if you desaturate by 10%, it is **34B0E9**.

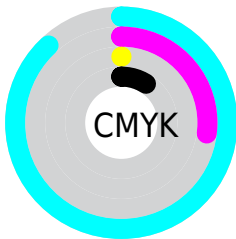
Distribution



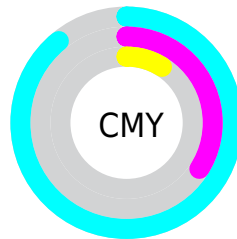
- Red (11%)
- Green (66%)
- Blue (91%)



- Red (11%)
- Yellow (44%)
- Blue (91%)



- Cyan (88%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)



- Cyan (89%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DA9E9 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 1DA9E9 by changing the saturation by 10% instead.

 1DA9E9

 1DA9E9

FFFFFF

 008FCD

 72E0FF

 0075B1

 92FDFF

 005D96

 B2FFFF

 00457C

 D1FFFF

 002F63

 F0FFFF

 001C4A

 000433

 00021D

 000000

■ 1DA9E9

■ 1DA9E9

■ 06A2E9

■ 34B0E9

■ 00A0E9

■ 4CB8E9

■ 63BFE9

■ 7AC6E9

■ 92CEE9

■ A9D5E9

■ C0DCE9

■ D7E3E9

■ EFEBE9

Harmonies

Analogous

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



00B0D3



1DA9E9



7F9DEB

Triad

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



1DA9E9



E97F8F



7BAC64

Complementary

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



1DA9E9



E95D1D

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.



A6A250



1DA9E9



E2876B

Square

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



1DA9E9



DC82B6



C99553



42B187

Rectangle

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



1DA9E9



A893E0



C99553



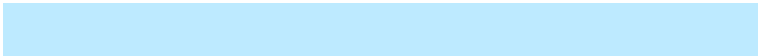
8AA95B

Sweetspot

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



1DA9E9



BDEAFF



1DE95A



587380



000000



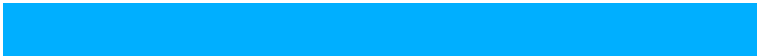
808080

Same Dimension

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



1DA9E9



00AFFF



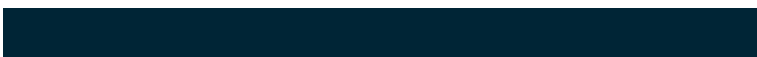
1D46E9



6A7275



007CB5



002536

Inverse Universe

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



E91DA9



FF00AF



E9C01D



756A72



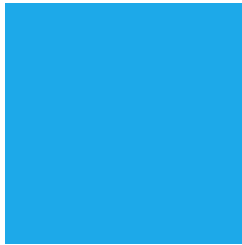
B5007C



360025

Previews

White Background



This preview shows how the Hex color 1DA9E9 looks on a white background.

Color Contrast Check

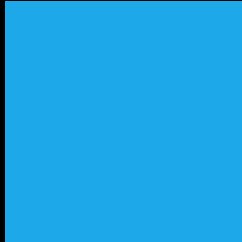
Large Text (above 18pt) WCAG AA × Fail

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 1DA9E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

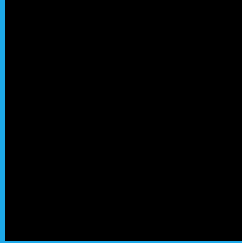
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

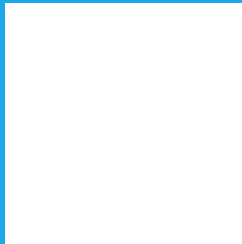
Any Text WCAG AAA ✓ Pass

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

Hex 1DA9E9 Background



This preview shows how black text looks on a background with the Hex color 1DA9E9.

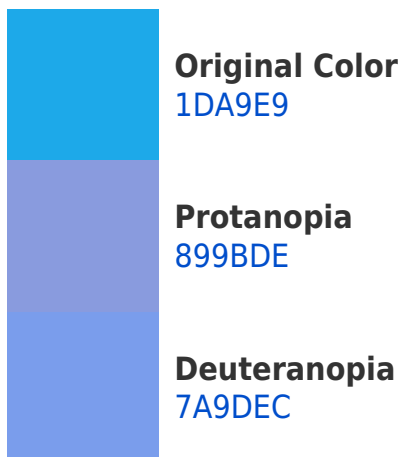


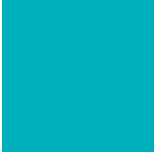
This preview shows how white text looks on a background with the Hex color 1DA9E9.

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](#).

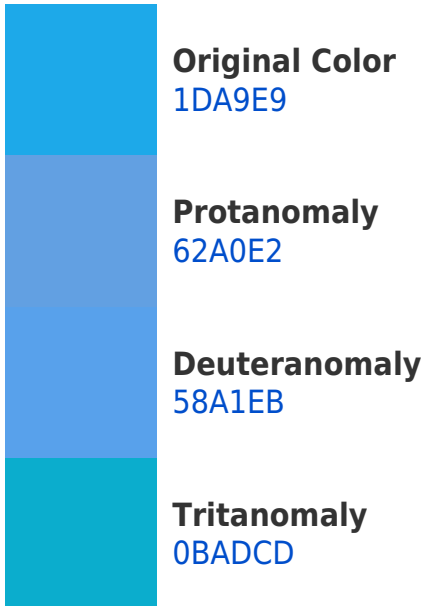
Dichromacy





Tritanopia
00AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1DA9E9 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 #1DA9E9 looks like.

```
.text, #text, p{  
    color:#1DA9E9  
}
```

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 #1DA9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA9E9
}
```

Border

The CSS property to change the border of an element to Hex 1DA9E9 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
#1DA9E9 }
```

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

```
.border{ border-color:#1DA9E9 }
```

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

Here you see how a box with a 4 pixel #1DA9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA9E9; -webkit-box-shadow:4px 4px  
4px 4px #1DA9E9; box-shadow:4px 4px 4px  
4px #1DA9E9 }
```

Background

The CSS property to change the background color of an element to Hex 1DA9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA9E9 }
```

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

```
.background{ background-color:#1DA9E9 }
```

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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