

# Converting Colors

Hex(1E9ED0)

Have a look what the booklet for  
Hex(1E9ED0) contains.

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# Color

**Hex(1E9ED0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E9ED0
RGB	30, 158, 208
RGB Percent	12%, 62%, 82%
CMY	0.8824, 0.3804, 0.1843
CMYK	0.86, 0.24, 0.00, 0.18
HSL	197°, 75%, 47%
HSV	197°, 86%, 82%
XYZ	24.1474, 29.2838, 64.0541
YIQ	125.4280, -92.3380, -11.5860

# Conversions

## Conversions Part 2

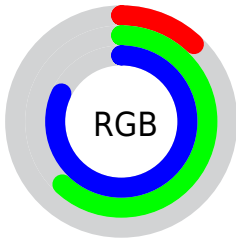
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	30, 104, 208
Decimal	2006736
CIE Lab	61.03, -15.36, -34.77
CIE LCh	61, 38.009, 246.171
Yxy	29.2838, 0.2055, 0.2493
Android (android.graphics.Color)	4280196816 (0xFF1E9ED0)
YUV	125.4280, 40.7080, -83.6904
Hunter-Lab	54.1145, -15.0486, -32.3001

# Details

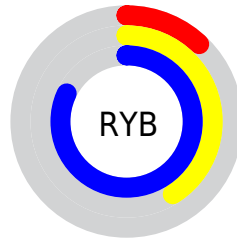
The Hex color **1E9ED0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **D0501E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6DD5FF**, and **006B99** is the 20% darker color. If you saturate the color by 10%, you get **0998D0**, and if you desaturate by 10%, it is **33A4D0**.

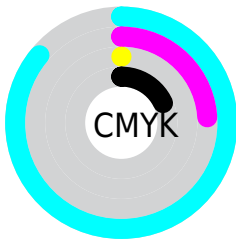
# Distribution



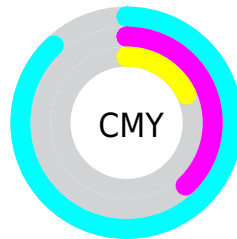
- Red (12%)
- Green (62%)
- Blue (82%)



- Red (12%)
- Yellow (41%)
- Blue (82%)



- Cyan (86%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (88%)
- Magenta (38%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E9ED0 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 1E9ED0 by changing the saturation by 10% instead.



 1E9ED0

 1E9ED0

FFFFFF

 0084B4

 6DD5FF

 006B99

 8CF1FF

 00527F

 ABFFFF


 003B66

 C9FFFF

 00264E

 E8FFFF

 000C37

 000221

 000005

 000000

■ 1E9ED0

■ 1E9ED0

■ 0998D0

■ 33A4D0

■ 0096D0

■ 48AAD0

■ 5CB0D0

■ 71B5D0

■ 86BBD0

■ 9BC1D0

■ B0C7D0

■ C4CDD0

■ D9D3D0

# Harmonies

## Analogous

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



00A4BA



1E9ED0



6C94D6

# Triad

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



1E9ED0



D3788E



7E9D5C

# Complementary

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



1E9ED0



D0501E

# 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.



A2944F



1E9ED0



D17D6D

# Square

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



1E9ED0



C37DAF



BF8856



53A377

# Rectangle

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



1E9ED0



908CD0



BF8856



8B9A55

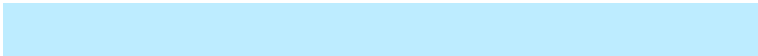


# Sweetspot

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



1E9ED0



BDECFE



1ED04D



587480



000000



808080

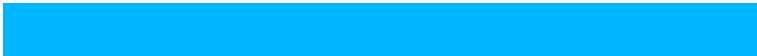


# Same Dimension

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



1E9ED0



00B7FF



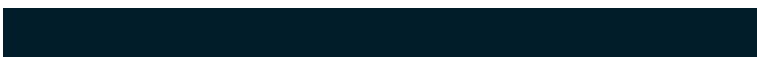
1E48D0



5E6669



0079A8



001D29



# Inverse Universe

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



D01E9E



FF00B7



D0A61E



695E66



A80079



29001D



# Previews

## White Background



This preview shows how the Hex color 1E9ED0 looks on a white background.

## Color Contrast Check

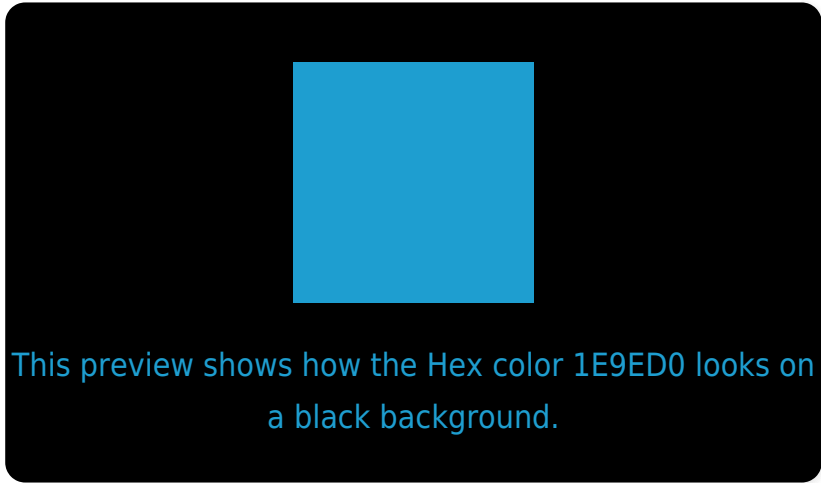
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E9ED0 Background



This preview shows how black text looks on a background with the Hex color 1E9ED0.

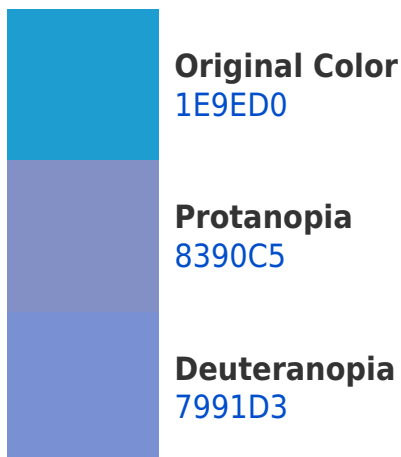


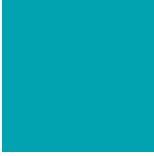
This preview shows how white text looks on a background with the Hex color 1E9ED0.

# 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](#).

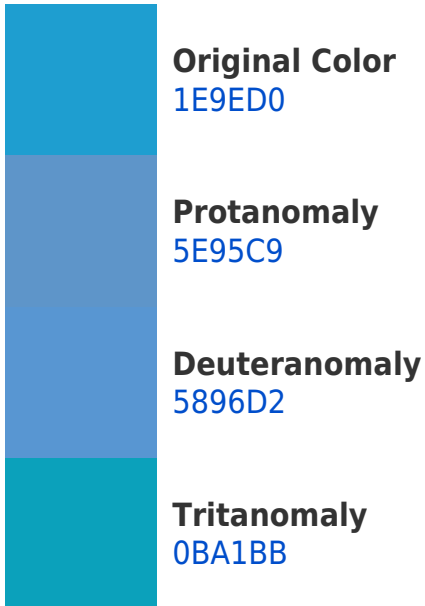
## Dichromacy





**Tritanopia**  
00A3AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E9ED0 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 #1E9ED0 looks like.

```
.text, #text, p{  
    color:#1E9ED0  
}
```

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 #1E9ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9ED0
}
```

## Border

The CSS property to change the border of an element to Hex 1E9ED0 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
#1E9ED0 }
```

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

```
.border{ border-color:#1E9ED0 }
```

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

Here you see how a box with a 4 pixel #1E9ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9ED0; -webkit-box-shadow:4px 4px  
4px 4px #1E9ED0; box-shadow:4px 4px 4px  
4px #1E9ED0 }
```

# Background

The CSS property to change the background color of an element to Hex 1E9ED0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9ED0 }
```

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

```
.background{ background-color:#1E9ED0 }
```

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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