

# Converting Colors

Hex(1E9CE4)

Have a look what the booklet for  
Hex(1E9CE4) contains.

|  |    |
|--|----|
| <b>Hex(1E9CE4)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(1E9CE4)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 1E9CE4                      |
| RGB           | 30, 156, 228                |
| RGB Percent   | 12%, 61%, 89%               |
| CMY           | 0.8824, 0.3882, 0.1059      |
| CMYK          | 0.87, 0.32, 0.00, 0.11      |
| HSL           | 202°, 79%, 51%              |
| HSV           | 202°, 87%, 89%              |
| XYZ           | 26.4275, 29.6544, 77.7298   |
| YIQ           | 126.5340, -98.2080, -4.3200 |

# Conversions

## Conversions Part 2

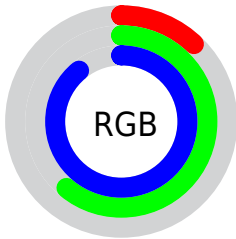
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 30, 107, 228                   |
| Decimal                             | 2006244                        |
| CIE Lab                             | 61.35, -7.08, -45.38           |
| CIE LCh                             | 61, 45.926, 261.129            |
| Yxy                                 | 29.6544, 0.1975,<br>0.2216     |
| Android<br>(android.graphics.Color) | 4280196324<br>(0xFF1E9CE4)     |
| YUV                                 | 126.5340, 50.0227,<br>-84.6603 |
| Hunter-Lab                          | 54.4558, -8.6715,<br>-46.5109  |

# Details

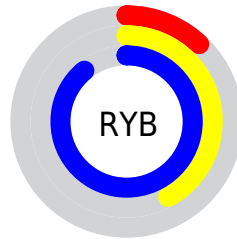
The Hex color **1E9CE4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E4661E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **70D2FF**, and **0069AC** is the 20% darker color. If you saturate the color by 10%, you get **0794E4**, and if you desaturate by 10%, it is **35A4E4**.

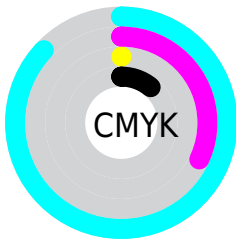
# Distribution



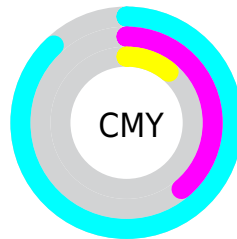
- Red (12%)
- Green (61%)
- Blue (89%)



- Red (12%)
- Yellow (42%)
- Blue (89%)



- Cyan (87%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (88%)
- Magenta (39%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E9CE4 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 1E9CE4 by changing the saturation by 10% instead.



 1E9CE4

 1E9CE4

FFFFFF

 0082C8

 70D2FF

 0069AC

 91EEFF

 005191

 B0FFFF

 003B77


 CFFFFFF

 00265E

 EFFFFFF

 001046

 00042F

 000119

 000000

■ 1E9CE4

■ 1E9CE4

■ 0794E4

■ 35A4E4

■ 0091E4

■ 4CADE4

■ 62B5E4

■ 79BDE4

■ 90C5E4

■ A7CEE4

■ BED6E4

■ D4DEE4

■ EBE7E4

# Harmonies

## Analogous

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



00A5D2



1E9CE4



848EE0

# Triad

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



1E9CE4



E07379



60A35F

# Complementary

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



1E9CE4



E4661E

# 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.



909B45



1E9CE4



D37F56

# Square

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



1E9CE4



D973A2



B78E42



00A886

# Rectangle

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



1E9CE4



AB83D2



B78E42



71A155

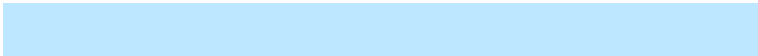


# Sweetspot

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



1E9CE4



BDE7FF



1EE463



587180



000000



808080

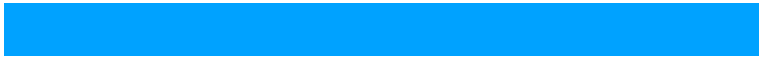


# Same Dimension

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



1E9CE4



00A2FF



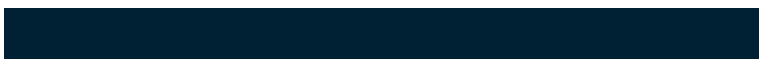
1E3CE4



676F73



0072B3



002033



# Inverse Universe

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



E41E9C



FF00A2



E4C61E



73676F



B30072

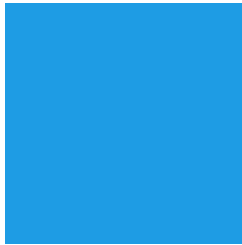


330020



# Previews

## White Background



This preview shows how the Hex color 1E9CE4 looks on a white background.

## Color Contrast Check

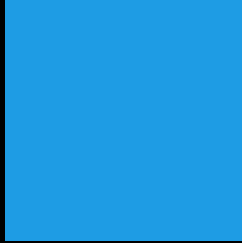
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E9CE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

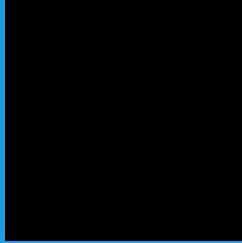
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

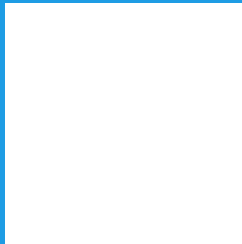
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E9CE4 Background



This preview shows how black text looks on a background with the Hex color 1E9CE4.

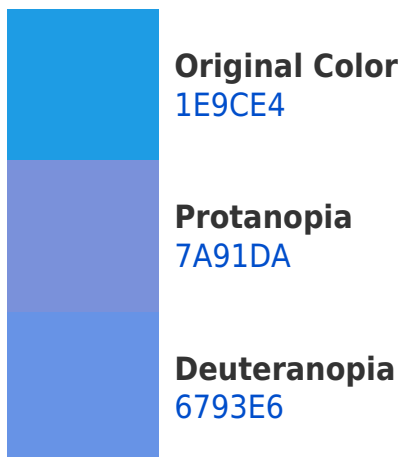


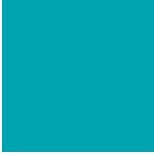
This preview shows how white text looks on a background with the Hex color 1E9CE4.

# 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](#).

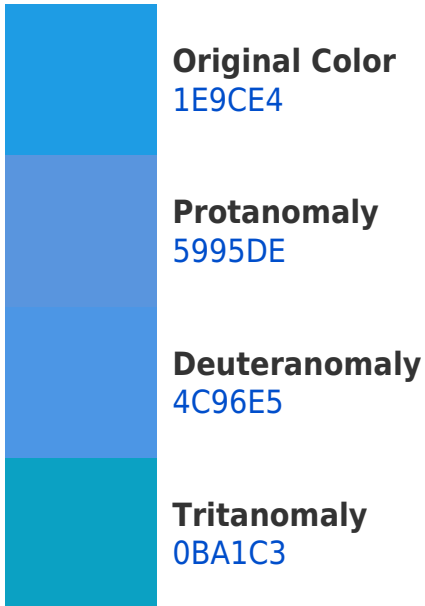
## Dichromacy



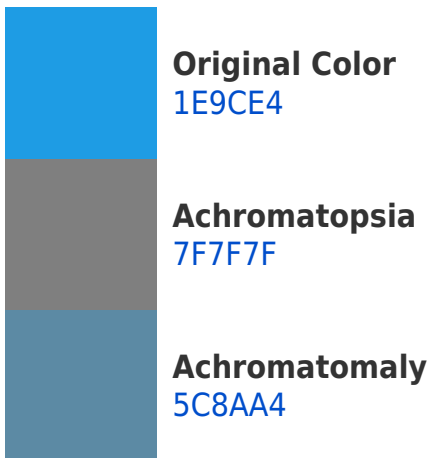


**Tritanopia**  
00A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E9CE4 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 #1E9CE4 looks like.

```
.text, #text, p{  
    color:#1E9CE4  
}
```

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 #1E9CE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9CE4
}
```

## Border

The CSS property to change the border of an element to Hex 1E9CE4 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
#1E9CE4 }
```

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

```
.border{ border-color:#1E9CE4 }
```

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

Here you see how a box with a 4 pixel #1E9CE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9CE4; -webkit-box-shadow:4px 4px  
4px 4px #1E9CE4; box-shadow:4px 4px 4px  
4px #1E9CE4 }
```

# Background

The CSS property to change the background color of an element to Hex 1E9CE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9CE4 }
```

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

```
.background{ background-color:#1E9CE4 }
```

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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