

# Converting Colors

Hex(149DE3)

Have a look what the booklet for  
Hex(149DE3) contains.

<b>Hex(149DE3)</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(149DE3)

# Conversions

## Conversions Part 1

Format	Color
Hex	149DE3
RGB	20, 157, 227
RGB Percent	8%, 62%, 89%
CMY	0.9216, 0.3843, 0.1098
CMYK	0.91, 0.31, 0.00, 0.11
HSL	200°, 84%, 48%
HSV	200°, 91%, 89%
XYZ	26.2106, 29.8087, 77.0453
YIQ	124.0170, -104.1220, -7.2740

# Conversions

## Conversions Part 2

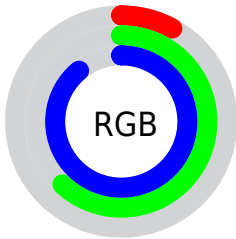
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	20, 102, 227
Decimal	1351139
CIE Lab	61.49, -8.55, -44.62
CIE LCh	61, 45.432, 259.147
Yxy	29.8087, 0.1970, 0.2240
Android (android.graphics.Color)	4279541219 (0xFF149DE3)
YUV	124.0170, 50.7706, -91.2229
Hunter-Lab	54.5974, -9.8528, -45.4491

# Details

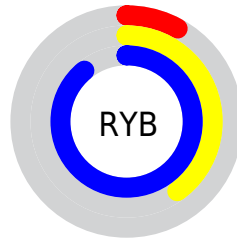
The Hex color **149DE3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E35A14**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6DD3FF**, and **006AAB** is the 20% darker color. If you saturate the color by 10%, you get **0096E3**, and if you desaturate by 10%, it is **2BA5E3**.

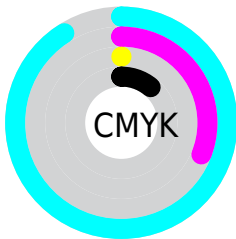
# Distribution



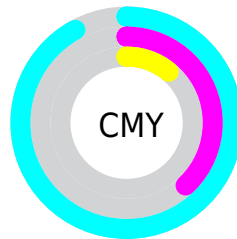
- Red (8%)
- Green (62%)
- Blue (89%)



- Red (8%)
- Yellow (40%)
- Blue (89%)



- Cyan (91%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (38%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 149DE3 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 149DE3 by changing the saturation by 10% instead.



149DE3

149DE3

FFFFFF

0083C7

6DD3FF

006AAB

8EF0FF

005290

ADFFFF

003B76

CCFFFF

00265D

EBFFFF

001145

00042E

000118

000000

■ 149DE3

■ 149DE3

■ 0096E3

■ 2BA5E3

■ 41ACE3

■ 58B4E3

■ 6FBCE3

■ 86C3E3

■ 9CCBE3

■ B3D3E3

■ CADA E3

■ E0E2E3

# Harmonies

## Analogous

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



00A5D0



149DE3



8090E0

# Triad

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



149DE3



E0747C



64A35E

# Complementary

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



149DE3



E35A14

# 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.



939A45



149DE3



D47E59

# Square

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



149DE3



D874A5



B98D44



12A884

# Rectangle

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



149DE3



A885D3



B98D44



75A154

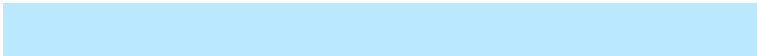


# Sweetspot

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



149DE3



BAE8FF



14E359



577280



000000



808080

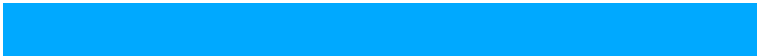


# Same Dimension

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



149DE3



00A9FF



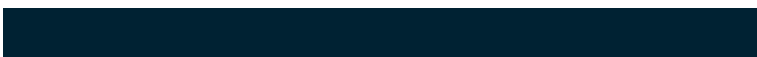
1437E3



676F73



0076B3



002233



# Inverse Universe

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



E3149D



FF00A9



E3C114



73676F



B30076

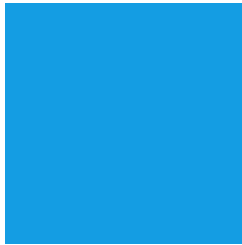


330022



# Previews

## White Background



This preview shows how the Hex color 149DE3 looks on a white background.

## Color Contrast Check

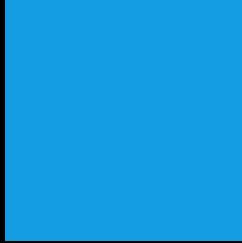
Large Text (above 18pt) WCAG AA ✓ Pass

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 149DE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

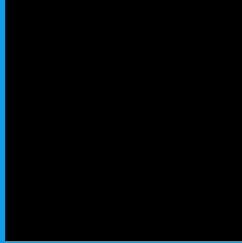
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

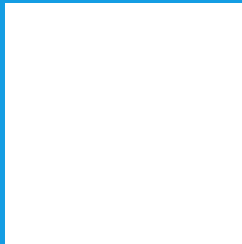
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 149DE3 Background



This preview shows how black text looks on a background with the Hex color 149DE3.

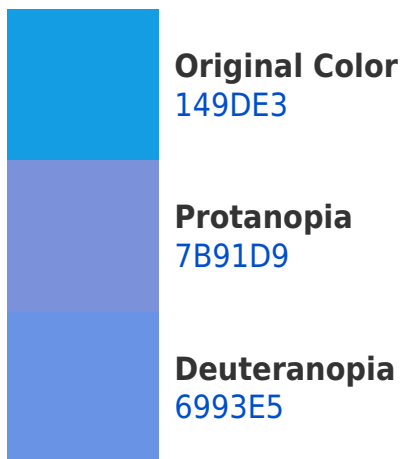


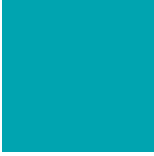
This preview shows how white text looks on a background with the Hex color 149DE3.

# 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](#).

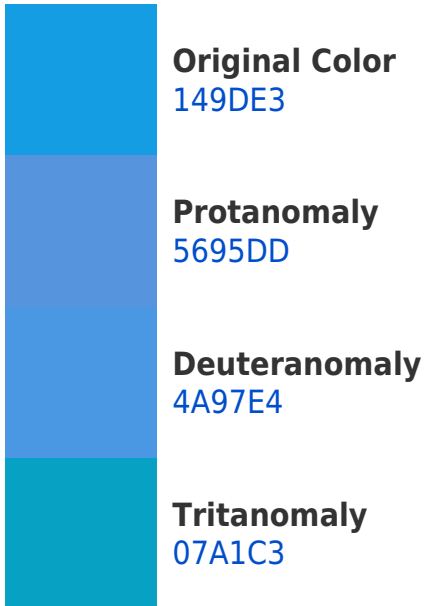
## Dichromacy



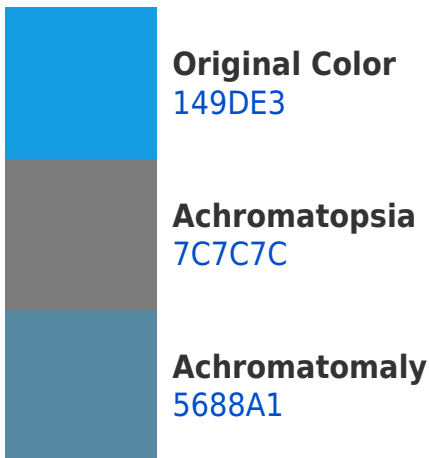


**Tritanopia**  
00A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 149DE3 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 #149DE3 looks like.

```
.text, #text, p{  
    color:#149DE3  
}
```

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 #149DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #149DE3  
}
```

## Border

The CSS property to change the border of an element to Hex 149DE3 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  
#149DE3 }
```

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

```
.border{ border-color:#149DE3 }
```

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

Here you see how a box with a 4 pixel #149DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #149DE3; -webkit-box-shadow:4px 4px  
4px 4px #149DE3; box-shadow:4px 4px 4px  
4px #149DE3 }
```

# Background

The CSS property to change the background color of an element to Hex 149DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#149DE3 }
```

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

```
.background{ background-color:#149DE3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor