

Converting Colors

Hex(179DE7)

Have a look what the booklet for
Hex(179DE7) contains.

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Color

Hex(179DE7)

Conversions

Conversions Part 1

Format	Color
Hex	179DE7
RGB	23, 157, 231
RGB Percent	9%, 62%, 91%
CMY	0.9098, 0.3843, 0.0941
CMYK	0.90, 0.32, 0.00, 0.09
HSL	201°, 82%, 50%
HSV	201°, 90%, 91%
XYZ	26.8341, 30.0656, 79.9902
YIQ	125.3700, -103.6180, -5.3940

Conversions

Conversions Part 2

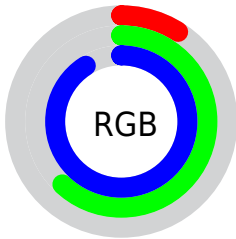
Format	Color
RYB	23, 104, 231
Decimal	1547751
CIELab	61.71, -6.95, -46.48
CIELCh	62, 46.996, 261.495
Yxy	30.0656, 0.1960, 0.2196
Android (android.graphics.Color)	4279737831 (0xFF179DE7)
YUV	125.3700, 52.0756, -89.7785
Hunter-Lab	54.8321, -8.6007, -48.1110

Details

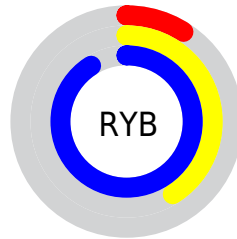
The Hex color **179DE7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E76117**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6FD3FF**, and **006AAF** is the 20% darker color. If you saturate the color by 10%, you get **0095E7**, and if you desaturate by 10%, it is **2EA5E7**.

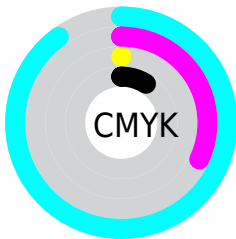
Distribution



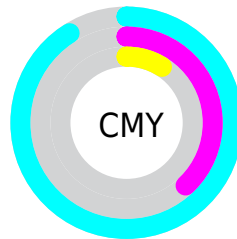
- Red (9%)
- Green (62%)
- Blue (91%)



- Red (9%)
- Yellow (41%)
- Blue (91%)



- Cyan (90%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 179DE7 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 179DE7 by changing the saturation by 10% instead.

 179DE7

 179DE7


FFFFFF

 0083CB

 6FD3FF

 006AAF

 8FF0FF

 005294

 AFFFFFF


 003C7A

 CEFFFF

 002661

 EDFFFF

 001248

 000431

 00011B

 000000

■ 179DE7

■ 179DE7

■ 0095E7

■ 2EA5E7

■ 45ADE7

■ 5CB6E7

■ 73BEE7

■ 8BC6E7

■ A2CEE7

■ B9D7E7

■ D0DFE7

■ E7E7E7

Harmonies

Analogous

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



00A6D5



179DE7



858FE3

Triad

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



179DE7



E37379



5EA55F

Complementary

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



179DE7



E76117

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.



909C44



179DE7



D57F55

Square

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



179DE7



DC73A3



B88F40



00A987

Rectangle

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



179DE7



AD84D4



B88F40



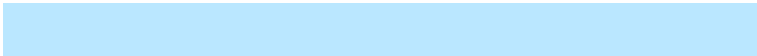
70A254

Sweetspot

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



179DE7



BAE7FF



17E760



577180



000000



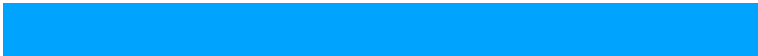
808080

Same Dimension

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



179DE7



00A4FF



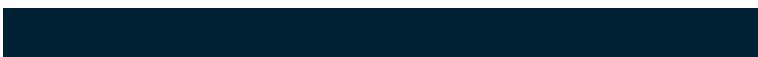
1736E7



676F73



0073B3



002133

Inverse Universe

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



E7179D



FF00A4



E7C817



73676F



B30073



330021

Previews

White Background



This preview shows how the Hex color 179DE7 looks on a white background.

Color Contrast Check

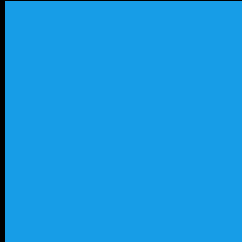
Large Text (above 18pt) WCAG AA × Fail

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 179DE7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

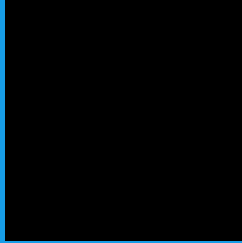
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

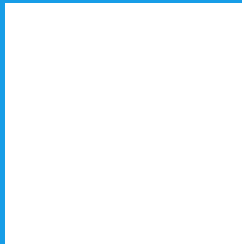
Any Text WCAG AAA ✓ Pass

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

Hex 179DE7 Background



This preview shows how black text looks on a background with the Hex color 179DE7.

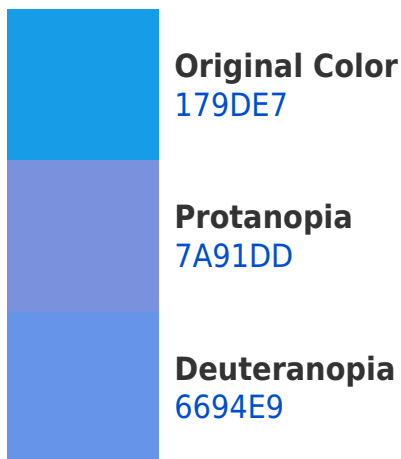


This preview shows how white text looks on a background with the Hex color 179DE7.

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](#).

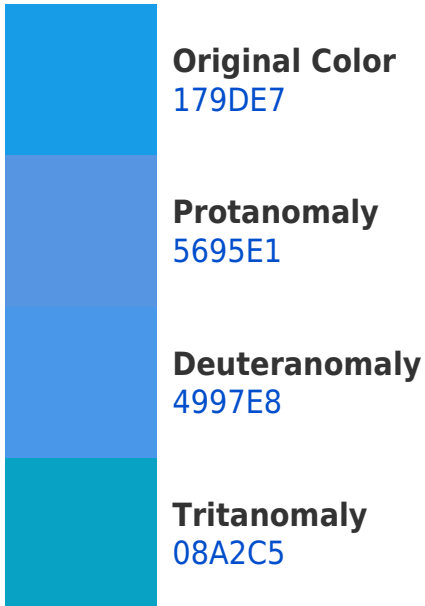
Dichromacy





Tritanopia
00A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 179DE7 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 #179DE7 looks like.

```
.text, #text, p{  
    color:#179DE7  
}
```

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 #179DE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #179DE7
}
```

Border

The CSS property to change the border of an element to Hex 179DE7 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
#179DE7 }
```

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

```
.border{ border-color:#179DE7 }
```

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

Here you see how a box with a 4 pixel #179DE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #179DE7; -webkit-box-shadow:4px 4px  
4px 4px #179DE7; box-shadow:4px 4px 4px  
4px #179DE7 }
```

Background

The CSS property to change the background color of an element to Hex 179DE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#179DE7 }
```

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

```
.background{ background-color:#179DE7 }
```

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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