

Converting Colors

Hex(149CCC)

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

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Color

Hex(149CCC)

Conversions

Conversions Part 1

Format	Color
Hex	149CCC
RGB	20, 156, 204
RGB Percent	8%, 61%, 80%
CMY	0.9216, 0.3882, 0.2000
CMYK	0.90, 0.24, 0.00, 0.20
HSL	196°, 82%, 44%
HSV	196°, 90%, 80%
XYZ	23.0760, 28.2853, 61.3701
YIQ	120.8080, -96.4640, -13.9040

Conversions

Conversions Part 2

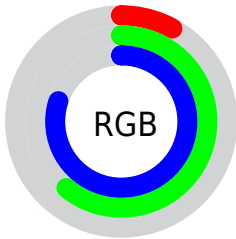
Format	Color
R_{YB}	20, 98, 204
Decimal	1350860
CIE _{Lab}	60.15, -16.29, -33.92
CIE _{LCh}	60, 37.632, 244.344
Yxy	28.2853, 0.2047, 0.2509
Android (android.graphics.Color)	4279540940 (0xFF149CCC)
YUV	120.8080, 41.0137, -88.4086
Hunter-Lab	53.1839, -15.6222, -31.1873

Details

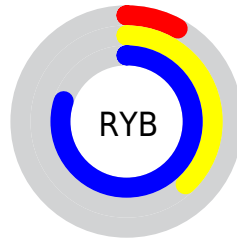
The Hex color **149CCC** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CC4414**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **68D3FF**, and **006996** is the 20% darker color. If you saturate the color by 10%, you get **0097CC**, and if you desaturate by 10%, it is **28A1CC**.

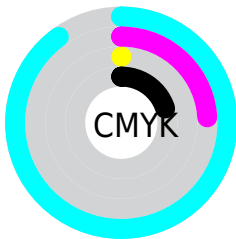
Distribution



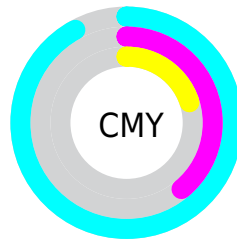
- Red (8%)
- Green (61%)
- Blue (80%)



- Red (8%)
- Yellow (38%)
- Blue (80%)



- Cyan (90%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 149CCC

 149CCC

FFFFFF

 0082B0

 68D3FF

 006996

 88EFFF

 00517C

 A7FFFF

 003A62

 C5FFFF

 00244A

 E4FFFF

 000534

 00021E

 000000

 149CCC

 149CCC

■ 0097CC

■ 28A1CC

■ 3DA7CC

■ 51ACCC

■ 66B1CC

■ 7AB7CC

■ 8EBCCC

■ A3C1CC

■ B7C7CC

■ CCCCCC

Harmonies

Analogous

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



00A1B5



149CCC



6693D3

Triad

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



149CCC



CF768D



7E9A59

Complementary

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



149CCC



CC4414

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.



A1914E



149CCC



CE7B6D

Square

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



149CCC



BE7BAE



BD8556



55A073

Rectangle

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



149CCC



8B8BCD



BD8556



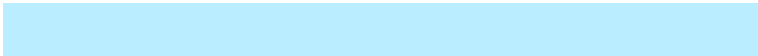
8B9753

Sweetspot

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



149CCC



BAEDFF



14CC42



577580



000000



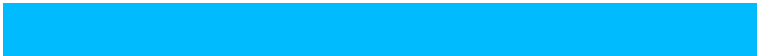
808080

Same Dimension

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



149CCC



00BCFF



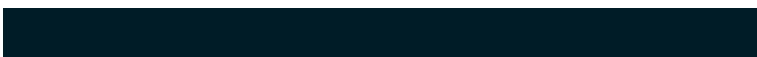
1442CC



5C6366



007BA6



001C26

Inverse Universe

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



CC149C



FF00BC



CC9E14



665C63



A6007B



26001C

Previews

White Background



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

Color Contrast Check

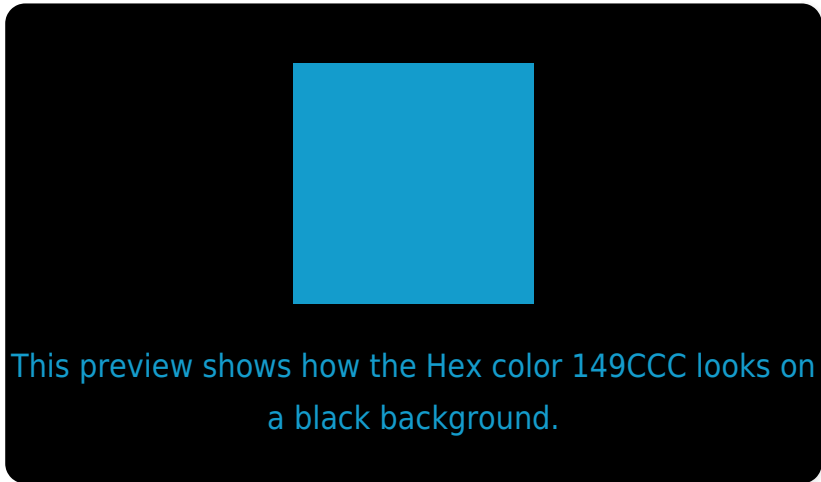
Large Text (above 18pt) WCAG AA ✓ Pass

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

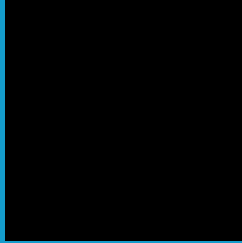
Any Text WCAG AA ✓ Pass

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 149CCC Background



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

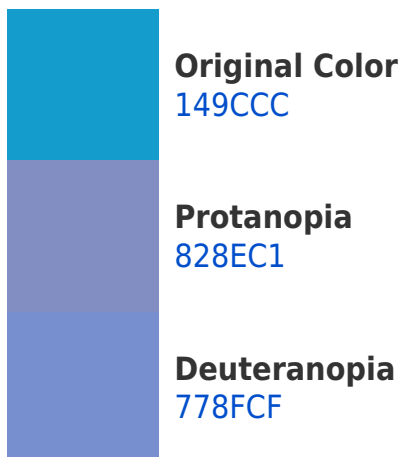


This preview shows how white text looks on a background with the Hex color 149CCC.

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



Trichromacy



Original Color
149CCC

Protanomaly
5A93C5

Deuteranomaly
5394CE

Monochromacy



Original Color
149CCC

Achromatopsia
797979

Achromatomaly
548697

CSS Examples

Text

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

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

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 #149CCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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