

Converting Colors

Hex(169DE9)

Have a look what the booklet for
Hex(169DE9) contains.

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Color

Hex(169DE9)

Conversions

Conversions Part 1

Format	Color
Hex	169DE9
RGB	22, 157, 233
RGB Percent	9%, 62%, 91%
CMY	0.9137, 0.3843, 0.0863
CMYK	0.91, 0.33, 0.00, 0.09
HSL	202°, 83%, 50%
HSV	202°, 91%, 91%
XYZ	27.0958, 30.1677, 81.4856
YIQ	125.2990, -104.8560, -4.9840

Conversions

Conversions Part 2

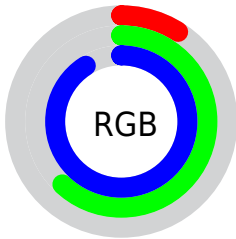
Format	Color
R _Y B	22, 104, 233
Decimal	1482217
CIE Lab	61.80, -6.27, -47.45
CIE LCh	62, 47.857, 262.476
Yxy	30.1677, 0.1953, 0.2174
Android (android.graphics.Color)	4279672297 (0xFF169DE9)
YUV	125.2990, 53.0966, -90.5932
Hunter-Lab	54.9251, -8.0609, -49.5137

Details

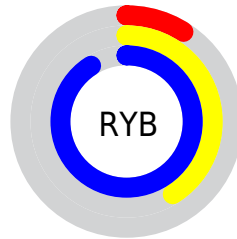
The Hex color **169DE9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E96216**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6FD3FF**, and **006AB1** is the 20% darker color. If you saturate the color by 10%, you get **0095E9**, and if you desaturate by 10%, it is **2DA5E9**.

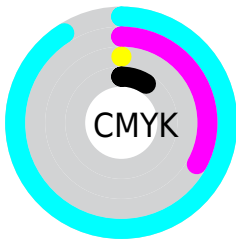
Distribution



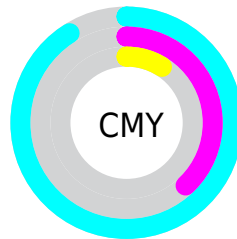
- Red (9%)
- Green (62%)
- Blue (91%)



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



- Cyan (91%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 169DE9 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 169DE9 by changing the saturation by 10% instead.

 169DE9

 169DE9

FFFFFF

 0083CD

 6FD3FF

 006AB1

 90F0FF

 005296

 AFFFFFF

 003C7C

 CFFFFFF

 002762

 EFFFFFF

 00124A

 000432

 00021D

 000000

■ 169DE9

■ 169DE9

■ 0095E9

■ 2DA5E9

■ 45AEE9

■ 5CB6E9

■ 73BFE9

■ 8BC7E9

■ A2CFE9

■ B9D8E9

■ D0E0E9

■ E8E9E9

Harmonies

Analogous

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



00A6D8



169DE9



878EE4

Triad

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



169DE9



E47377



5BA560

Complementary

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



169DE9



E96216

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.



8E9D43



169DE9



D68053

Square

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



169DE9



DE72A2



B78F3F



00AA89

Rectangle

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



169DE9



AF83D4



B78F3F



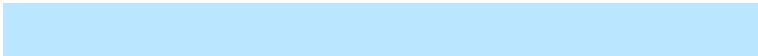
6EA354

Sweetspot

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



169DE9



BAE6FF



16E960



577180



000000



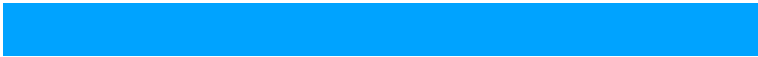
808080

Same Dimension

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



169DE9



00A3FF



1636E9



6A7175



0074B5



002236

Inverse Universe

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



E9169D



FF00A3



E9C916



756A71



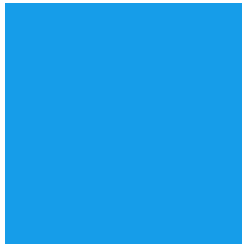
B50074



360022

Previews

White Background



This preview shows how the Hex color 169DE9 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 169DE9 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

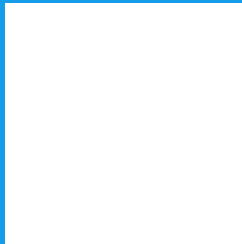
Any Text WCAG AAA ✓ Pass

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

Hex 169DE9 Background



This preview shows how black text looks on a background with the Hex color 169DE9.

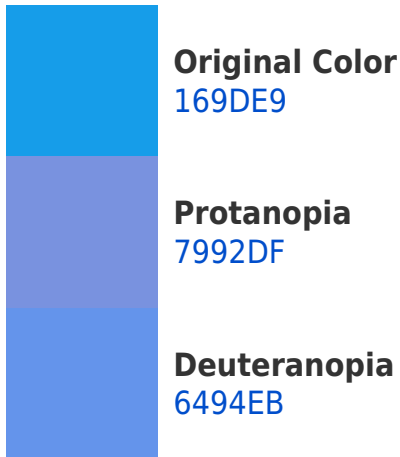


This preview shows how white text looks on a background with the Hex color 169DE9.

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](#).

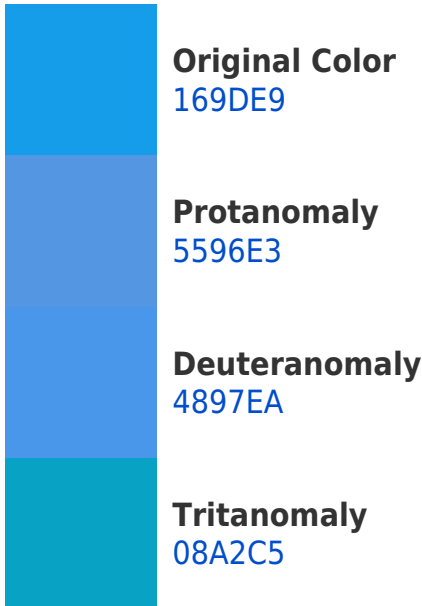
Dichromacy



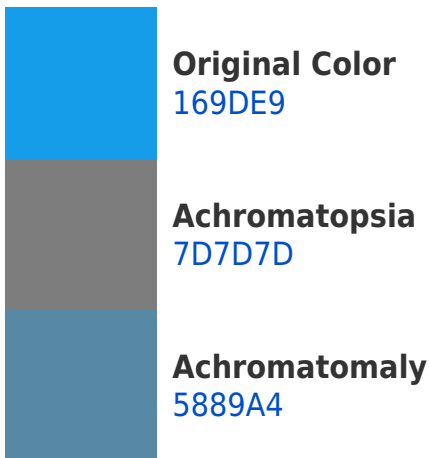


Tritanopia
00A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 169DE9 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 #169DE9 looks like.

```
.text, #text, p{  
    color:#169DE9  
}
```

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 #169DE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #169DE9
}
```

Border

The CSS property to change the border of an element to Hex 169DE9 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
#169DE9 }
```

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

```
.border{ border-color:#169DE9 }
```

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

Here you see how a box with a 4 pixel #169DE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #169DE9; -webkit-box-shadow:4px 4px  
4px 4px #169DE9; box-shadow:4px 4px 4px  
4px #169DE9 }
```

Background

The CSS property to change the background color of an element to Hex 169DE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#169DE9 }
```

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

```
.background{ background-color:#169DE9 }
```

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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