

Converting Colors

Hex(169EBB)

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

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Color

Hex(169EBB)

Conversions

Conversions Part 1

Format	Color
Hex	169EBB
RGB	22, 158, 187
RGB Percent	9%, 62%, 73%
CMY	0.9137, 0.3804, 0.2667
CMYK	0.88, 0.16, 0.00, 0.27
HSL	191°, 79%, 41%
HSV	191°, 88%, 73%
XYZ	21.5274, 28.2121, 51.3246
YIQ	120.6420, -90.3650, -19.8130

Conversions

Conversions Part 2

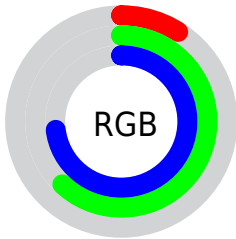
Format	Color
R_{YB}	22, 97, 187
Decimal	1482427
CIE _{Lab}	60.08, -23.15, -24.48
CIE _{LCh}	60, 33.692, 226.598
Yxy	28.2121, 0.2130, 0.2792
Android (android.graphics.Color)	4279672507 (0xFF169EBB)
YUV	120.6420, 32.7145, -86.5090
Hunter-Lab	53.1151, -20.6060, -20.1107

Details

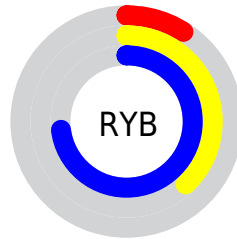
The Hex color **169EBB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BB3316**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **66D5F3**, and **006A86** is the 20% darker color. If you saturate the color by 10%, you get **039BBB**, and if you desaturate by 10%, it is **29A1BB**.

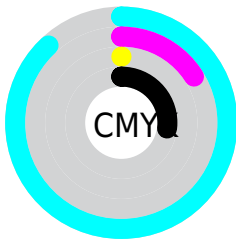
Distribution



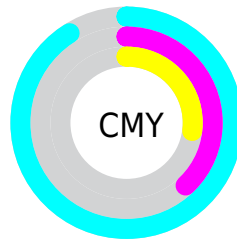
- Red (9%)
- Green (62%)
- Blue (73%)



- Red (9%)
- Yellow (38%)
- Blue (73%)



- Cyan (88%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (91%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 169EBB

 169EBB

FFFFFF

 0084A0

 66D5F3

 006A86

 85F1FF

 00526C

 A3FFFF

 003B54

 C2FFFF

 00253D

 E0FFFF

 000327

FEFFFF

 000111

 000000

 169EBB

 169EBB

■ 039BBB

■ 29A1BB

■ 009ABB

■ 3BA5BB

■ 4EA8BB

■ 61ABBB

■ 74AE8B

■ 86B2BB

■ 99B5BB

■ ACB8BB

■ BEBCBB

Harmonies

Analogous

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



1FA1A1



169EBB



4E98CA

Triad

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



169EBB



C27B9F



949457

Complementary

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



169EBB



BB3316

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.



B08A57



169EBB



CB7A81

Square

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



169EBB



A983BA



C48067



729C67

Rectangle

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



169EBB



7092CB



C48067



9E9155

Sweetspot

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



169EBB



B3E7F2



16BB31



54747A



FAFAFA



7A7A7A

Same Dimension

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



169EBB



00C8F2



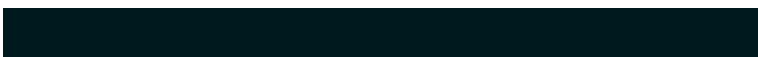
164DBB



555D5E



00829E



00191F

Inverse Universe

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



BB169E



F200C8



BB8416



5E555D



9E0082



1F0019

Previews

White Background



This preview shows how the Hex color 169EBB looks on a white background.

Color Contrast Check

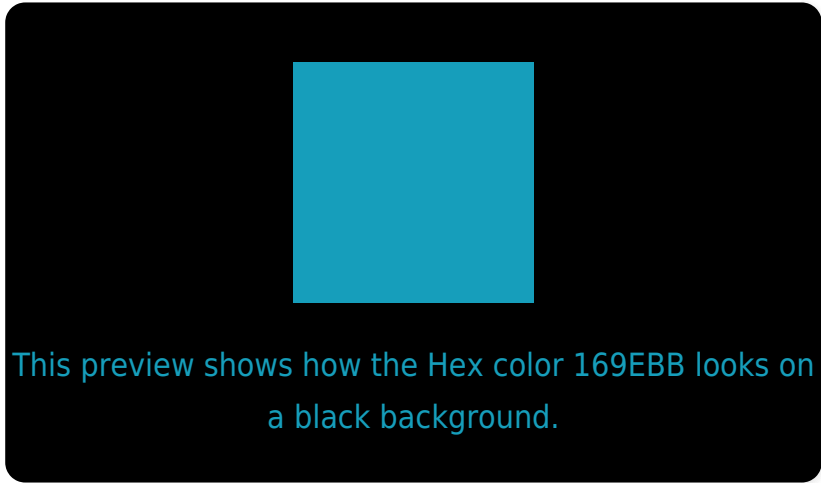
Large Text (above 18pt) WCAG AA ✓ Pass

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

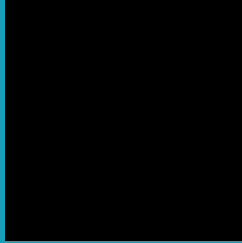
Any Text WCAG AA ✓ Pass

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 169EBB Background



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

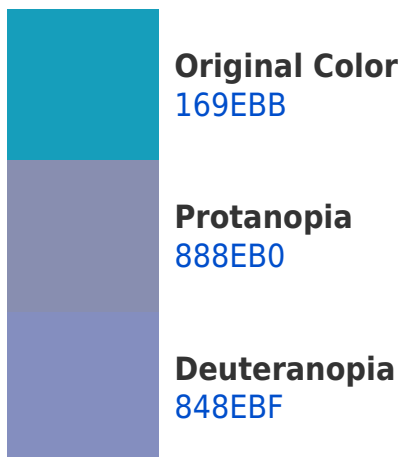


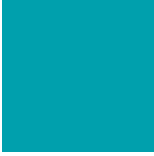
This preview shows how white text looks on a background with the Hex color 169EBB.

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
00A0AD

Trichromacy



Original Color
169EBB



Protanomaly
5F94B4



Deuteranomaly
5C94BE



Tritanomaly
089FB2

Monochromacy



Original Color
169EBB



Achromatopsia
797979



Achromatomaly
558691

CSS Examples

Text

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

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

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 #169EBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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