

Converting Colors

Hex(189BC2)

Have a look what the booklet for
Hex(189BC2) contains.

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Color

Hex(189BC2)

Conversions

Conversions Part 1

Format	Color
Hex	189BC2
RGB	24, 155, 194
RGB Percent	9%, 61%, 76%
CMY	0.9059, 0.3922, 0.2392
CMYK	0.88, 0.20, 0.00, 0.24
HSL	194°, 78%, 43%
HSV	194°, 88%, 76%
XYZ	21.8356, 27.5319, 55.2023
YIQ	120.2770, -90.5950, -15.6430

Conversions

Conversions Part 2

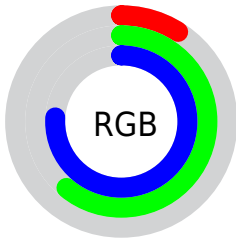
Format	Color
RYB	24, 98, 194
Decimal	1612738
CIELab	59.46, -19.04, -29.37
CIELCh	59, 35.002, 237.036
Yxy	27.5319, 0.2088, 0.2633
Android (android.graphics.Color)	4279802818 (0xFF189BC2)
YUV	120.2770, 36.3454, -84.4349
Hunter-Lab	52.4709, -17.5416, -25.6468

Details

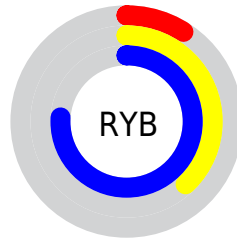
The Hex color **189BC2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C23F18**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **68D2FB**, and **00688C** is the 20% darker color. If you saturate the color by 10%, you get **0597C2**, and if you desaturate by 10%, it is **2B9FC2**.

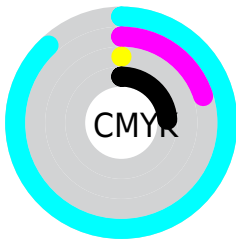
Distribution



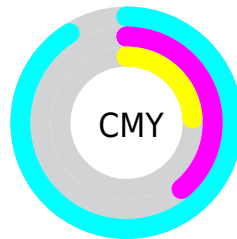
- Red (9%)
- Green (61%)
- Blue (76%)



- Red (9%)
- Yellow (38%)
- Blue (76%)



- Cyan (88%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 189BC2 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 189BC2 by changing the saturation by 10% instead.

 189BC2

 189BC2


FFFFFF

 0081A7

 68D2FB

 00688C

 87EEFF

 004F73

 A5FFFF

 00385A

 C3FFFF

 002342

 E2FFFF

 00032C

 000116

 000000

 189BC2

 189BC2

0597C2

2B9FC2

0095C2

3FA4C2

52A8C2

66ADC2

79B1C2

8CB6C2

A0BAC2

B3BFC2

C7C3C2

Harmonies

Analogous

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



009FAA



189BC2



5B93CC

Triad

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



189BC2



C77793



879657

Complementary

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



189BC2



C23F18

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.



A68C51



189BC2



CA7975

Square

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



189BC2



B37DB1



BE825C



629C6D

Rectangle

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



189BC2



7F8CCA



BE825C



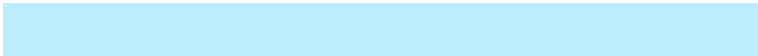
929353

Sweetspot

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



189BC2



BBEDFC



18C23D



587680



000000



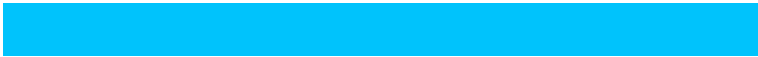
808080

Same Dimension

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



189BC2



00C3FC



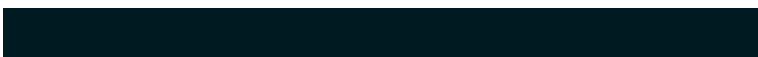
1848C2



575F61



007CA1



001A21

Inverse Universe

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



C2189B



FC00C3



C29218



61575F



A1007C



21001A

Previews

White Background



This preview shows how the Hex color 189BC2 looks on a white background.

Color Contrast Check

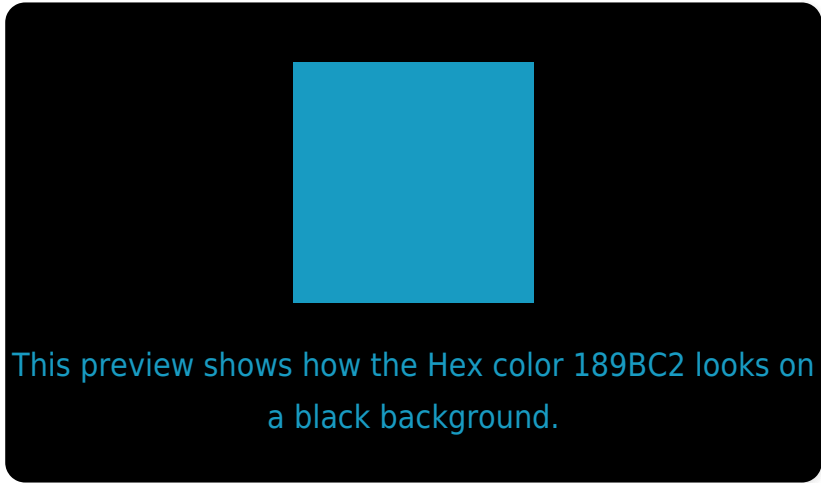
Large Text (above 18pt) WCAG AA ✓ Pass

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

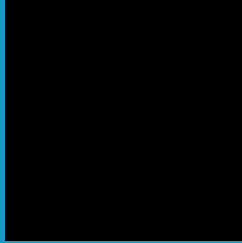
Any Text WCAG AA ✓ Pass

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 189BC2 Background



This preview shows how black text looks on a background with the Hex color 189BC2.

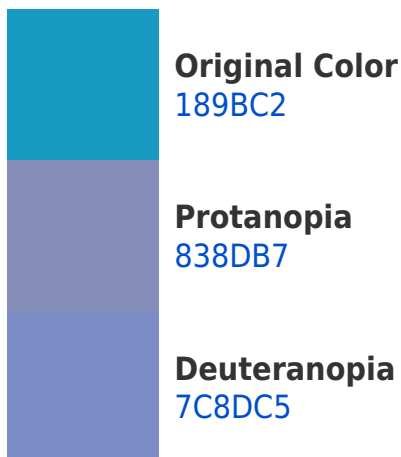


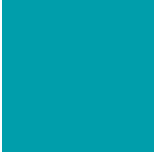
This preview shows how white text looks on a background with the Hex color 189BC2.

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](#).

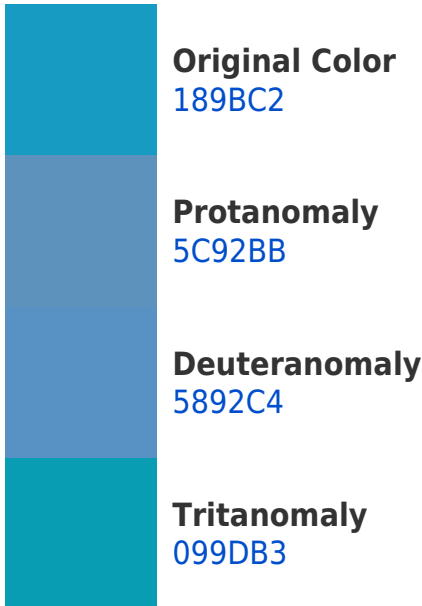
Dichromacy





Tritanopia
009EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 189BC2 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 #189BC2 looks like.

```
.text, #text, p{  
    color:#189BC2  
}
```

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 #189BC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189BC2
}
```

Border

The CSS property to change the border of an element to Hex 189BC2 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
#189BC2 }
```

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

```
.border{ border-color:#189BC2 }
```

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

Here you see how a box with a 4 pixel #189BC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189BC2; -webkit-box-shadow:4px 4px  
4px 4px #189BC2; box-shadow:4px 4px 4px  
4px #189BC2 }
```

Background

The CSS property to change the background color of an element to Hex 189BC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189BC2 }
```

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

```
.background{ background-color:#189BC2 }
```

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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