

Converting Colors

Hex(189CC2)

Have a look what the booklet for
Hex(189CC2) contains.

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Color

Hex(189CC2)

Conversions

Conversions Part 1

Format	Color
Hex	189CC2
RGB	24, 156, 194
RGB Percent	9%, 61%, 76%
CMY	0.9059, 0.3882, 0.2392
CMYK	0.88, 0.20, 0.00, 0.24
HSL	193°, 78%, 43%
HSV	193°, 88%, 76%
XYZ	22.0028, 27.8662, 55.2580
YIQ	120.8640, -90.8700, -16.1660

Conversions

Conversions Part 2

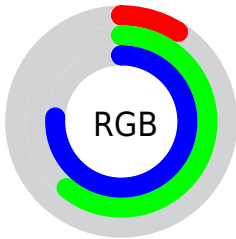
Format	Color
RYB	24, 98, 194
Decimal	1612994
CIELab	59.77, -19.58, -28.90
CIELCh	60, 34.903, 235.883
Yxy	27.8662, 0.2093, 0.2651
Android (android.graphics.Color)	4279803074 (0xFF189CC2)
YUV	120.8640, 36.0560, -84.9497
Hunter-Lab	52.7884, -17.9791, -25.1118

Details

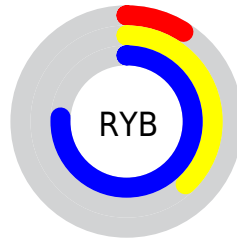
The Hex color **189CC2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C23E18**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **68D3FB**, and **00698C** is the 20% darker color. If you saturate the color by 10%, you get **0598C2**, and if you desaturate by 10%, it is **2BA0C2**.

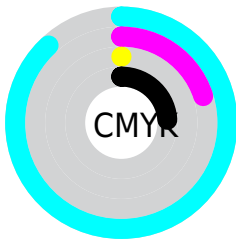
Distribution



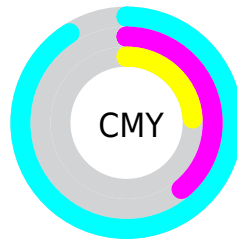
- Red (9%)
- Green (61%)
- Blue (76%)



- 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 189CC2 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 189CC2 by changing the saturation by 10% instead.

 189CC2

 189CC2

FFFFFF

 0082A7

 68D3FB

 00698C

 87EFFF

 005073

 A5FFFF

 00395A

 C4FFFF

 002442

 E2FFFF

 00032C

 000117

 000000

 189CC2

 189CC2

■ 0598C2

■ 2BA0C2

■ 0097C2

■ 3FA5C2

■ 52A9C2

■ 66ADC2

■ 79B2C2

■ 8CB6C2

■ A0BAC2

■ B3BFC2

■ C7C3C2

Harmonies

Analogous

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



00A0AA



189CC2



5A94CD

Triad

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



189CC2



C87895



899658

Complementary

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



189CC2



C23E18

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.



A88D52



189CC2



CB7A77

Square

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



189CC2



B37FB3



BF825E



649D6C

Rectangle

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



189CC2



7E8DCB



BF825E



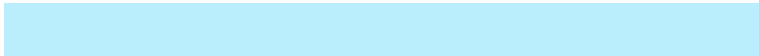
949354

Sweetspot

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



189CC2



BBEEFC



18C23D



587780



000000



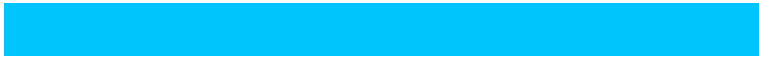
808080

Same Dimension

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



189CC2



00C4FC



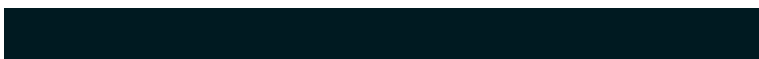
1848C2



575F61



007DA1



001A21

Inverse Universe

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



C2189C



FC00C4



C29218



61575F



A1007D



21001A

Previews

White Background



This preview shows how the Hex color 189CC2 looks on a white background.

Color Contrast Check

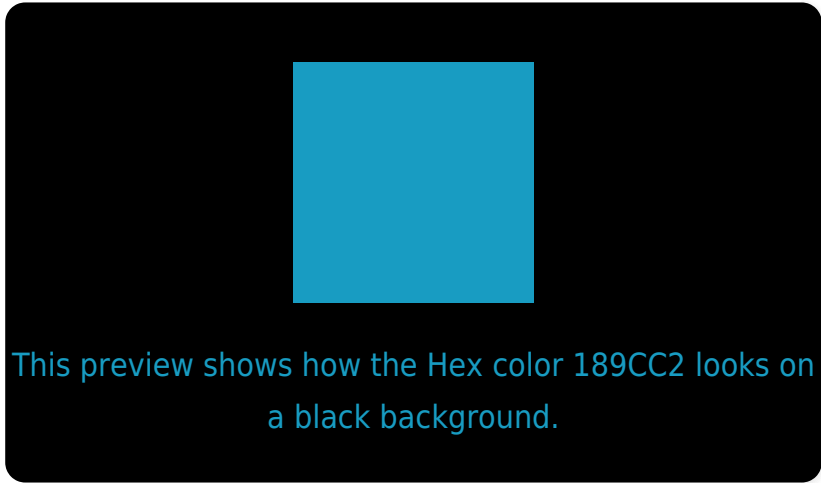
Large Text (above 18pt) WCAG AA ✓ Pass

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

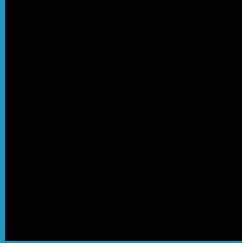
Any Text WCAG AA ✓ Pass

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 189CC2 Background



This preview shows how black text looks on a background with the Hex color 189CC2.



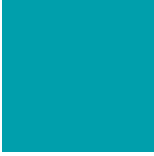
This preview shows how white text looks on a background with the Hex color 189CC2.

Color Blindness Simulation

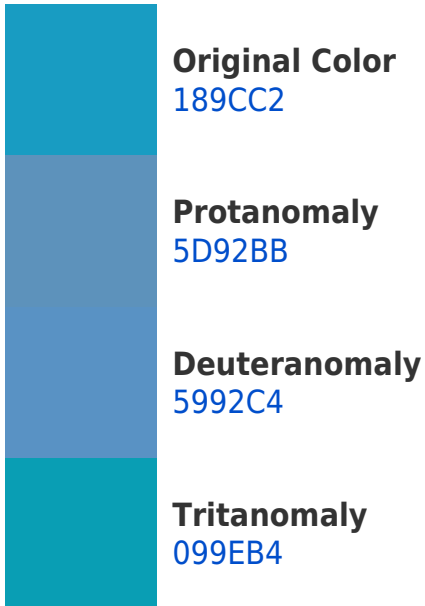
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 189CC2 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 #189CC2 looks like.

```
.text, #text, p{  
    color:#189CC2  
}
```

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 #189CC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189CC2
}
```

Border

The CSS property to change the border of an element to Hex 189CC2 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
#189CC2 }
```

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

```
.border{ border-color:#189CC2 }
```

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

Here you see how a box with a 4 pixel #189CC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189CC2; -webkit-box-shadow:4px 4px  
4px 4px #189CC2; box-shadow:4px 4px 4px  
4px #189CC2 }
```

Background

The CSS property to change the background color of an element to Hex 189CC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189CC2 }
```

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

```
.background{ background-color:#189CC2 }
```

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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