

Converting Colors

Hex(0189CF)

Have a look what the booklet for
Hex(0189CF) contains.

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Color

Hex(0189CF)

Conversions

Conversions Part 1

Format	Color
Hex	0189CF
RGB	1, 137, 207
RGB Percent	0%, 54%, 81%
CMY	0.9961, 0.4627, 0.1882
CMYK	1.00, 0.34, 0.00, 0.19
HSL	200°, 99%, 41%
HSV	200°, 100%, 81%
XYZ	20.2207, 22.4028, 62.2899
YIQ	104.3160, -103.5260, -7.0620

Conversions

Conversions Part 2

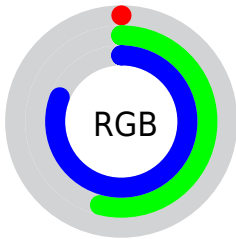
Format	Color
RYB	1, 83, 207
Decimal	100815
CIELab	54.45, -5.19, -44.56
CIELCh	54, 44.861, 263.361
Yxy	22.4028, 0.1927, 0.2135
Android (android.graphics.Color)	4278290895 (0xFF0189CF)
YUV	104.3160, 50.6232, -90.6081
Hunter-Lab	47.3316, -6.5727, -44.8955

Details

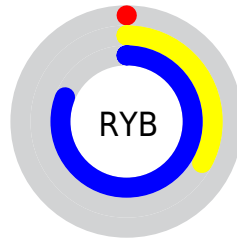
The Hex color **0189CF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CF4701**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **64BEFF**, and **005898** is the 20% darker color. If you saturate the color by 10%, you get **0089CF**, and if you desaturate by 10%, it is **1690CF**.

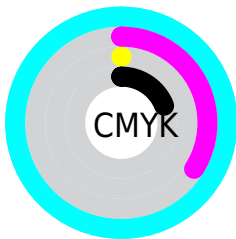
Distribution



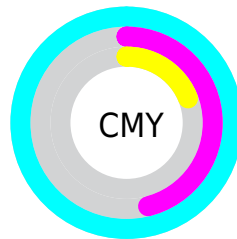
- Red (0%)
- Green (54%)
- Blue (81%)



- Red (0%)
- Yellow (33%)
- Blue (81%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0189CF 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 0189CF by changing the saturation by 10% instead.

0189CF

0189CF

FFFFFF

0070B3

64BEFF

005898

84DAFF

00417E

A3F6FF

002B64

C1FFFF

00174C

E0FFFF

000535

00021F

000001

000000

■ 0189CF

■ 0189CF

■ 0089CF

■ 1690CF

■ 2A97CF

■ 3F9ECF

■ 54A5CF

■ 69ACCF

■ 7DB3CF

■ 92BACF

■ A7C1CF

■ BBC8CF

Harmonies

Analogous

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



0092C0



0189CF



767BCA

Triad

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



0189CF



CA6366



4B9152

Complementary

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



0189CF



CF4701

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.



7A8937



0189CF



BC6F45

Square

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



0189CF



C5618D



A07D32



009578

Rectangle

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



0189CF



9B71BB



A07D32



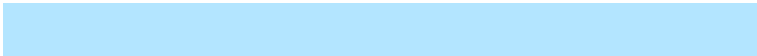
5D8F47

Sweetspot

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



0189CF



B3E5FF



01CF46



527080



000000



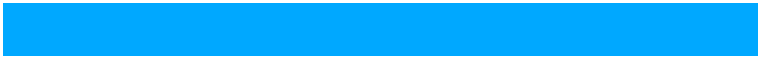
808080

Same Dimension

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



0189CF



00A8FF



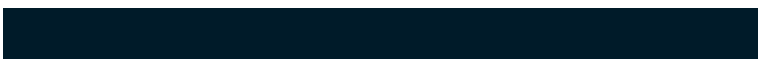
0123CF



5E6569



006FA8



001B29

Inverse Universe

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



CF0189



FF00A8



CFAD01



695E65



A8006F



29001B

Previews

White Background



This preview shows how the Hex color 0189CF looks on a white background.

Color Contrast Check

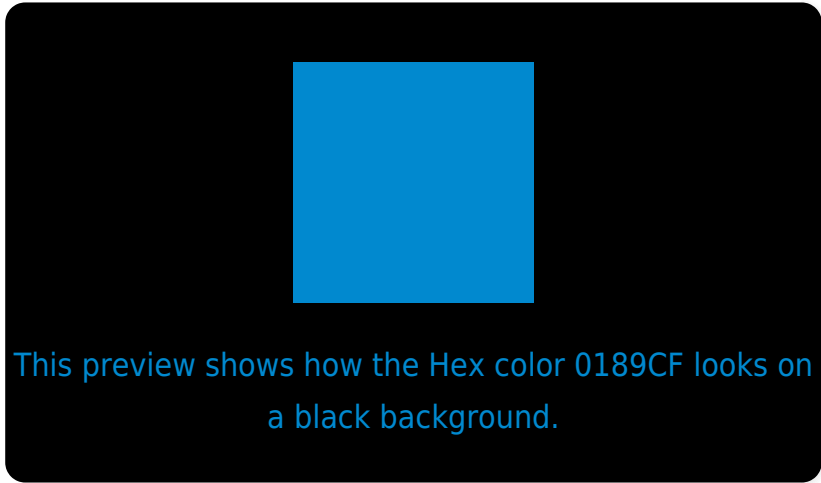
Large Text (above 18pt) WCAG AA ✓ Pass

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

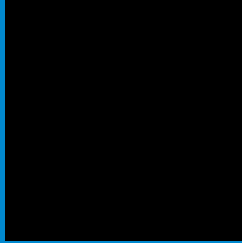
Any Text WCAG AA ✓ Pass

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 0189CF Background



This preview shows how black text looks on a background with the Hex color 0189CF.



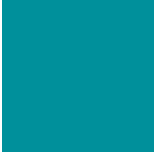
This preview shows how white text looks on a background with the Hex color 0189CF.

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](#).

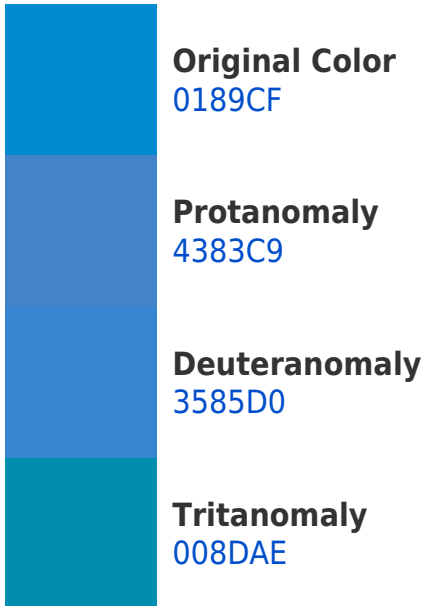
Dichromacy





Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0189CF 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 #0189CF looks like.

```
.text, #text, p{  
    color:#0189CF  
}
```

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 #0189CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0189CF
}
```

Border

The CSS property to change the border of an element to Hex 0189CF 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
#0189CF }
```

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

```
.border{ border-color:#0189CF }
```

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

Here you see how a box with a 4 pixel #0189CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0189CF; -webkit-box-shadow:4px 4px  
4px 4px #0189CF; box-shadow:4px 4px 4px  
4px #0189CF }
```

Background

The CSS property to change the background color of an element to Hex 0189CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0189CF }
```

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

```
.background{ background-color:#0189CF }
```

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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