

Converting Colors

Hex(198CCE)

Have a look what the booklet for
Hex(198CCE) contains.

Hex(198CCE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(198CCE)

Conversions

Conversions Part 1

Format	Color
Hex	198CCE
RGB	25, 140, 206
RGB Percent	10%, 55%, 81%
CMY	0.9020, 0.4510, 0.1922
CMYK	0.88, 0.32, 0.00, 0.19
HSL	202°, 78%, 45%
HSV	202°, 88%, 81%
XYZ	20.9196, 23.4191, 61.8103
YIQ	113.1390, -89.7260, -3.8540

Conversions

Conversions Part 2

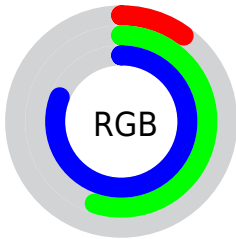
Format	Color
RYB	25, 95, 206
Decimal	1674446
CIELab	55.50, -6.31, -42.32
CIELCh	56, 42.791, 261.519
Yxy	23.4191, 0.1971, 0.2206
Android (android.graphics.Color)	4279864526 (0xFF198CCE)
YUV	113.1390, 45.7805, -77.2979
Hunter-Lab	48.3933, -7.5257, -41.8529

Details

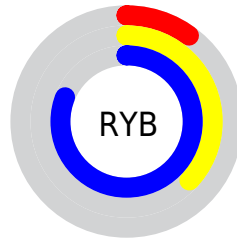
The Hex color **198CCE** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **CE5B19**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **69C1FF**, and **005A97** is the 20% darker color. If you saturate the color by 10%, you get **0484CE**, and if you desaturate by 10%, it is **2E94CE**.

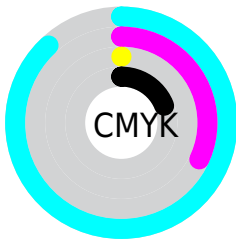
Distribution



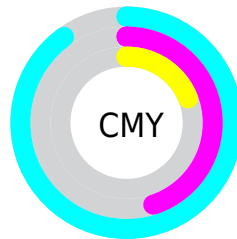
- Red (10%)
- Green (55%)
- Blue (81%)



- Red (10%)
- Yellow (37%)
- Blue (81%)



- Cyan (88%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (90%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 198CCE 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 198CCE by changing the saturation by 10% instead.

■ 198CCE

■ 198CCE

FFFFFF

■ 0073B2

■ 69C1FF

■ 005A97

■ 89DDFF

■ 00437D

■ A7FAFF

■ 002D64

■ C6FFFF

■ 001A4B

■ E4FFFF

■ 000434

■ 00021E

■ 000000

■ 198CCE

■ 198CCE

■ 0484CE

■ 2E94CE

■ 0083CE

■ 429BCE

■ 57A3CE

■ 6BAACE

■ 80B2CE

■ 95B9CE

■ A9C1CE

■ BEC8CE

■ D2D0CE

Harmonies

Analogous

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



0094BE



198CCE



777FCA

Triad

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



198CCE



CB676C



549355

Complementary

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



198CCE



CE5B19

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.



808B3D



198CCE



BE724C

Square

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



198CCE



C46791



A47F3A



009779

Rectangle

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



198CCE



9A76BD



A47F3A



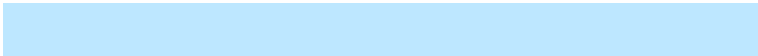
64914B

Sweetspot

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



198CCE



BDE7FF



19CE58



587180



000000



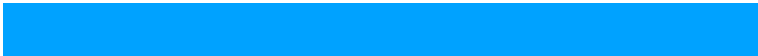
808080

Same Dimension

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



198CCE



00A2FF



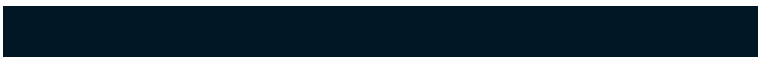
1934CE



5C6266



0069A6



001826

Inverse Universe

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



CE198C



FF00A2



CEB319



665C62



A60069



260018

Previews

White Background



This preview shows how the Hex color 198CCE looks on a white background.

Color Contrast Check

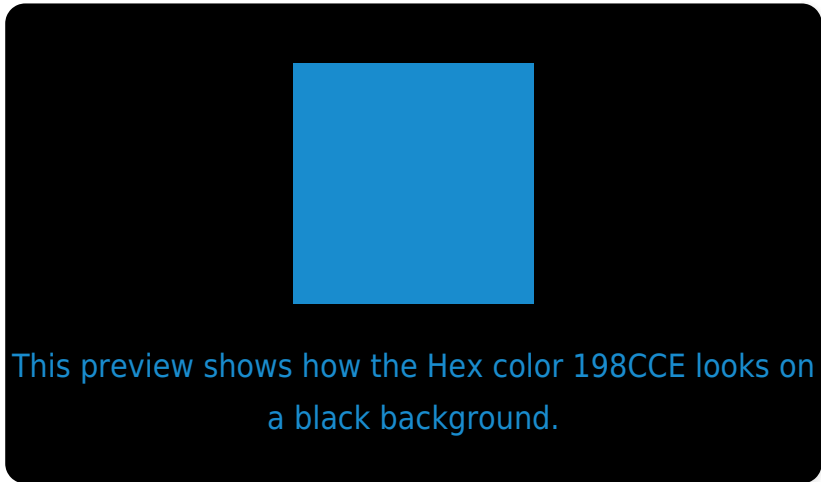
Large Text (above 18pt) WCAG AA ✓ Pass

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

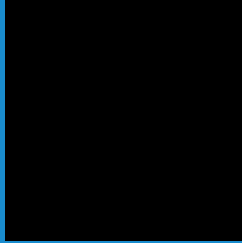
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

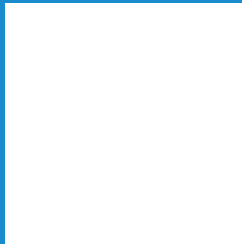
Any Text WCAG AAA × Fail

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

Hex 198CCE Background



This preview shows how black text looks on a background with the Hex color 198CCE.

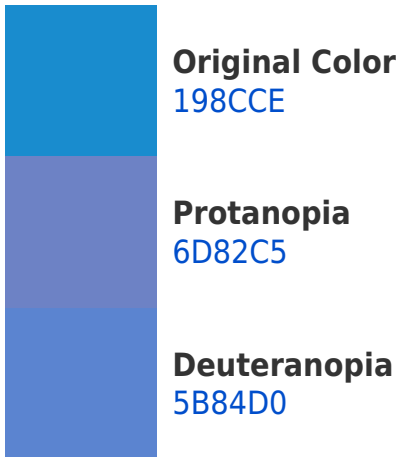


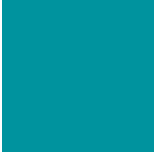
This preview shows how white text looks on a background with the Hex color 198CCE.

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](#).

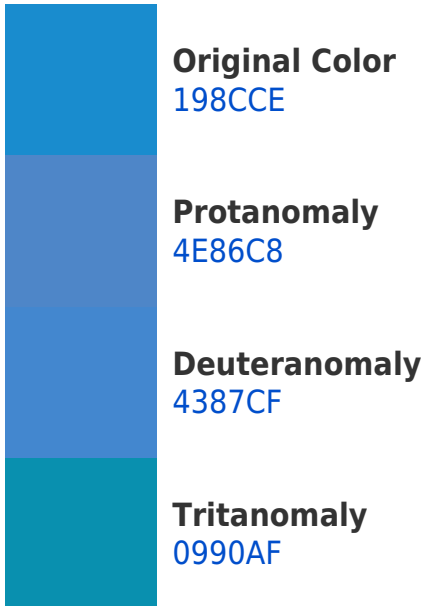
Dichromacy



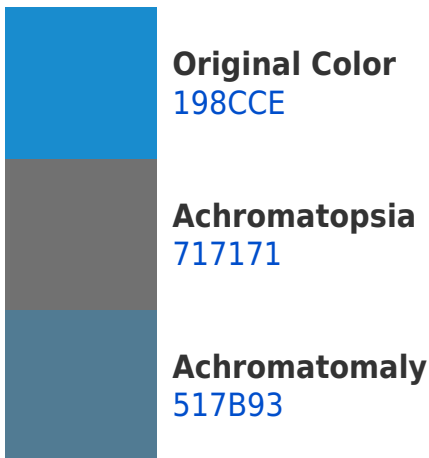


Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 198CCE 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 #198CCE looks like.

```
.text, #text, p{  
    color:#198CCE  
}
```

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 #198CCE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #198CCE
}
```

Border

The CSS property to change the border of an element to Hex 198CCE 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
#198CCE }
```

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

```
.border{ border-color:#198CCE }
```

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

Here you see how a box with a 4 pixel #198CCE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #198CCE; -webkit-box-shadow:4px 4px  
4px 4px #198CCE; box-shadow:4px 4px 4px  
4px #198CCE }
```

Background

The CSS property to change the background color of an element to Hex 198CCE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#198CCE }
```

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

```
.background{ background-color:#198CCE }
```

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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