

Converting Colors

Hex(198CDE)

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

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Color

Hex(198CDE)

Conversions

Conversions Part 1

Format	Color
Hex	198CDE
RGB	25, 140, 222
RGB Percent	10%, 55%, 87%
CMY	0.9020, 0.4510, 0.1294
CMYK	0.89, 0.37, 0.00, 0.13
HSL	205°, 80%, 48%
HSV	205°, 89%, 87%
XYZ	22.9638, 24.2368, 72.5751
YIQ	114.9630, -94.8620, 1.1220

Conversions

Conversions Part 2

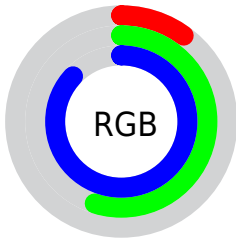
Format	Color
R_{YB}	25, 98, 222
Decimal	1674462
CIE _{Lab}	56.32, -0.33, -50.01
CIE _{LCh}	56, 50.010, 269.625
Yxy	24.2368, 0.1917, 0.2024
Android (android.graphics.Color)	4279864542 (0xFF198CDE)
YUV	114.9630, 52.7692, -78.8976
Hunter-Lab	49.2309, -2.8924, -52.9425

Details

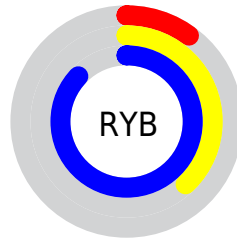
The Hex color **198CDE** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DE6B19**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6DC1FF**, and **005BA6** is the 20% darker color. If you saturate the color by 10%, you get **0383DE**, and if you desaturate by 10%, it is **2F95DE**.

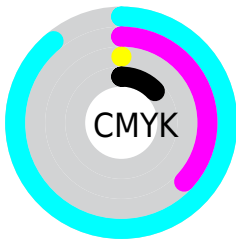
Distribution



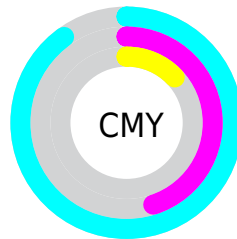
- Red (10%)
- Green (55%)
- Blue (87%)



- Red (10%)
- Yellow (38%)
- Blue (87%)



- Cyan (89%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (90%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 198CDE

 198CDE

FFFFFF

 0073C2

 6DC1FF

 005BA6

 8DDDFE

 00448C

 ACF9FF

 002E72

 CBFFFF

 001B58

 EAFFFF

 000740

 00032A

 000114

 000000

■ 198CDE

■ 198CDE

■ 0383DE

■ 2F95DE

■ 0082DE

■ 459EDE

■ 5CA8DE

■ 72B1DE

■ 88BADE

■ 9EC3DE

■ B4CDDE

■ CBD6DE

■ E1DFDE

Harmonies

Analogous

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



0097D1



198CDE



877CD3

Triad

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



198CDE



D5655F



379959

Complementary

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



198CDE



DE6B19

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.



749137



198CDE



C1743C

Square

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



198CDE



D46089



9F852A



009C85

Rectangle

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



198CDE



AD70C0



9F852A



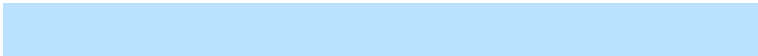
4F974C

Sweetspot

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



198CDE



BAE2FF



19DE68



576F80



000000



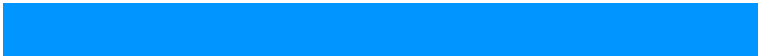
808080

Same Dimension

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



198CDE



0095FF



192DDE



656C70



0067B0



001C30

Inverse Universe

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



DE198C



FF0095



DECA19



70656C



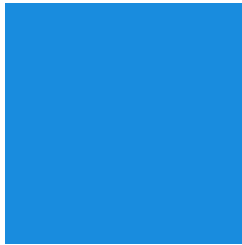
B00067



30001C

Previews

White Background



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

Color Contrast Check

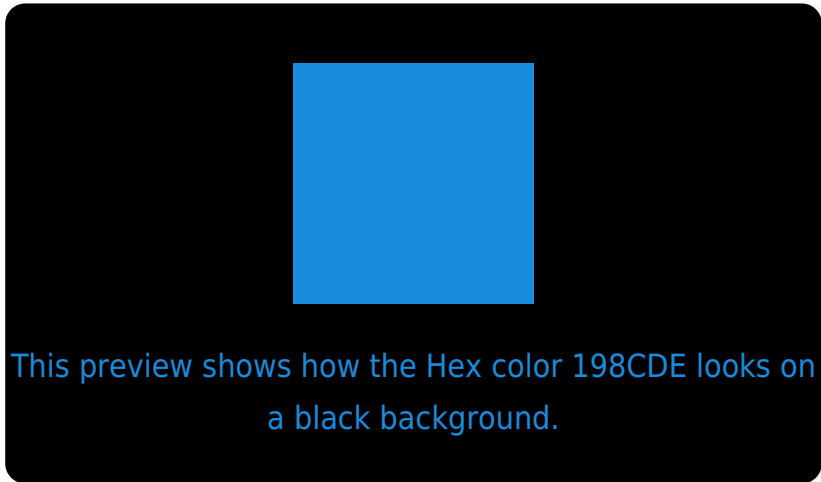
Large Text (above 18pt) WCAG AA ✓ Pass

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

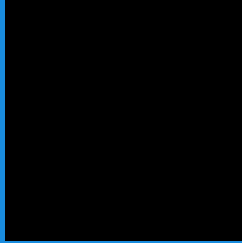
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

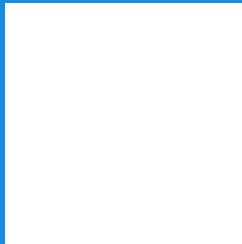
Any Text WCAG AAA × Fail

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

Hex 198CDE Background



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

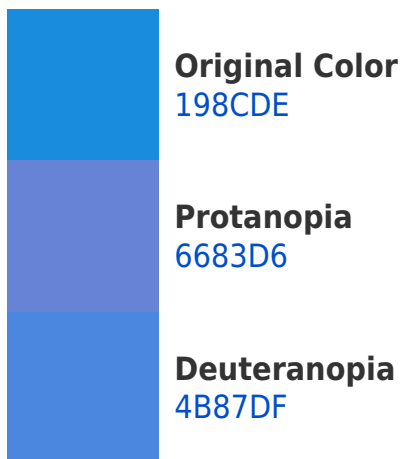


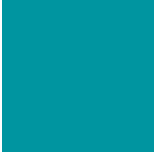
This preview shows how white text looks on a background with the Hex color 198CDE.

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](#).

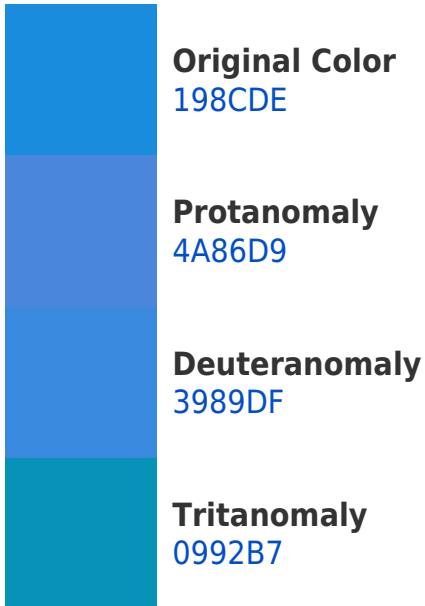
Dichromacy



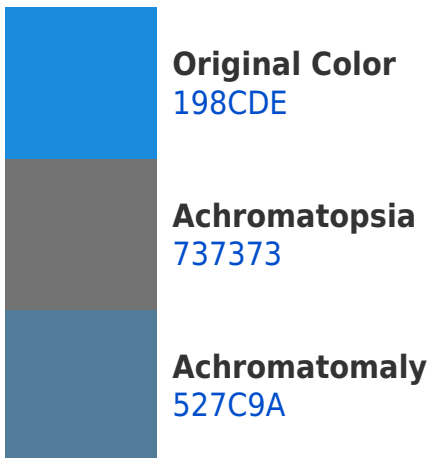


Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #198CDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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