

Converting Colors

Hex(108CDB)

Have a look what the booklet for
Hex(108CDB) contains.

Hex(108CDB)	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>	28

Color

Hex(108CDB)

Conversions

Conversions Part 1

Format	Color
Hex	108CDB
RGB	16, 140, 219
RGB Percent	6%, 55%, 86%
CMY	0.9373, 0.4510, 0.1412
CMYK	0.93, 0.36, 0.00, 0.14
HSL	203°, 86%, 46%
HSV	203°, 93%, 86%
XYZ	22.3780, 23.9808, 70.4671
YIQ	111.9300, -99.2630, -1.7190

Conversions

Conversions Part 2

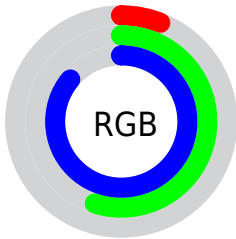
Format	Color
RYB	16, 93, 219
Decimal	1084635
CIELab	56.07, -1.90, -48.74
CIELCh	56, 48.778, 267.771
Yxy	23.9808, 0.1915, 0.2053
Android (android.graphics.Color)	4279274715 (0xFF108CDB)
YUV	111.9300, 52.7855, -84.1306
Hunter-Lab	48.9702, -4.1285, -51.0380

Details

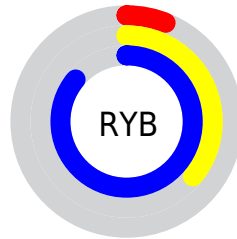
The Hex color **108CDB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **DB5F10**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6AC1FF**, and **005BA3** is the 20% darker color. If you saturate the color by 10%, you get **0086DB**, and if you desaturate by 10%, it is **2695DB**.

Distribution



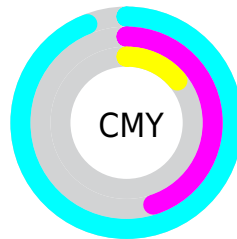
- Red (6%)
- Green (55%)
- Blue (86%)



- Red (6%)
- Yellow (36%)
- Blue (86%)



- Cyan (93%)
- Magenta (36%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 108CDB 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 108CDB by changing the saturation by 10% instead.

 108CDB

 108CDB

FFFFFF

 0073BF

 6AC1FF

 005BA3

 8ADDFE

 004489

 A9F9FF

 002E6F

 C8FFFF

 001A56

 E7FFFF

 00063E

 000327

 000111

 000000

■ 108CDB

■ 108CDB

■ 0086DB

■ 2695DB

■ 3C9DDB

■ 52A6DB

■ 68AEDB

■ 7EB7DB

■ 93BFDB

■ A9C8DB

■ BFD0DB

■ D5D9DB

Harmonies

Analogous

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



0096CD



108CDB



837DD2

Triad

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



108CDB



D36561



3E9757

Complementary

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



108CDB



DB5F10

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.



779037



108CDB



C1733F

Square

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



108CDB



D1618B



A1832D



009B82

Rectangle

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



108CDB



A971C0



A1832D



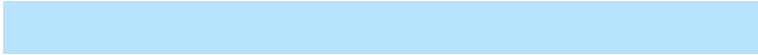
54954B

Sweetspot

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



108CDB



B8E3FF



10DB5E



546F80



000000



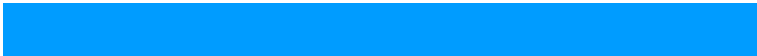
808080

Same Dimension

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



108CDB



009CFF



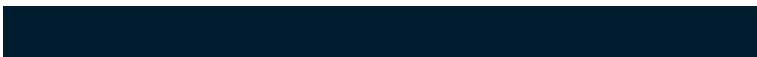
1028DB



63696E



006AAD



001C2E

Inverse Universe

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



DB108C



FF009C



DBC310



6E6369



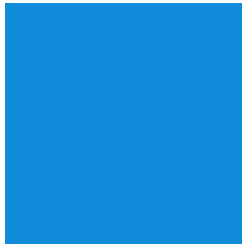
AD006A



2E001C

Previews

White Background



This preview shows how the Hex color 108CDB looks on a white background.

Color Contrast Check

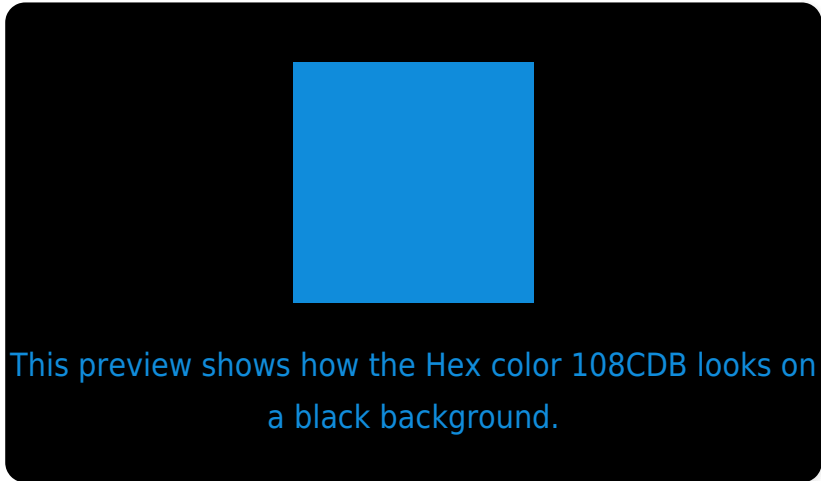
Large Text (above 18pt) WCAG AA ✓ Pass

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

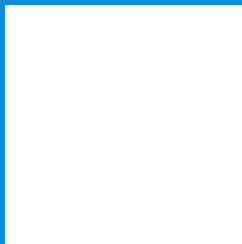
Any Text WCAG AAA × Fail

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

Hex 108CDB Background



This preview shows how black text looks on a background with the Hex color 108CDB.

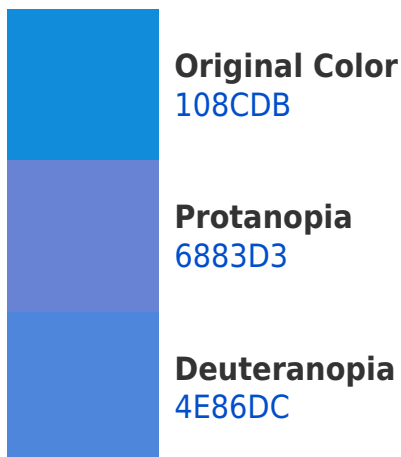


This preview shows how white text looks on a background with the Hex color 108CDB.

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



Original Color
108CDB

Protanomaly
4886D6

Deuteranomaly
3788DC

Monochromacy



Original Color
108CDB

Achromatopsia
707070

Achromatomaly
4D7A97

CSS Examples

Text

The CSS property to change the color of the text to Hex 108CDB 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 #108CDB looks like.

```
.text, #text, p{  
    color:#108CDB  
}
```

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 #108CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #108CDB
}
```

Border

The CSS property to change the border of an element to Hex 108CDB 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
#108CDB }
```

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

```
.border{ border-color:#108CDB }
```

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

Here you see how a box with a 4 pixel #108CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #108CDB; -webkit-box-shadow:4px 4px  
4px 4px #108CDB; box-shadow:4px 4px 4px  
4px #108CDB }
```

Background

The CSS property to change the background color of an element to Hex 108CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#108CDB }
```

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

```
.background{ background-color:#108CDB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor