

Converting Colors

Hex(68C1D8)

Have a look what the booklet for
Hex(68C1D8) contains.

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Color

Hex(68C1D8)

Conversions

Conversions Part 1

Format	Color
Hex	68C1D8
RGB	104, 193, 216
RGB Percent	41%, 76%, 85%
CMY	0.5922, 0.2431, 0.1529
CMYK	0.52, 0.11, 0.00, 0.15
HSL	192°, 59%, 63%
HSV	192°, 52%, 85%
XYZ	37.1736, 46.0409, 71.8933
YIQ	169.0110, -60.4270, -11.7150

Conversions

Conversions Part 2

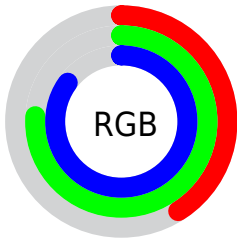
Format	Color
RYB	104, 154, 216
Decimal	6865368
CIELab	73.57, -20.43, -19.72
CIELCh	74, 28.399, 223.984
Yxy	46.0409, 0.2397, 0.2968
Android (android.graphics.Color)	4285055448 (0xFF68C1D8)
YUV	169.0110, 23.1656, -57.0146
Hunter-Lab	67.8534, -20.9521, -15.3226

Details

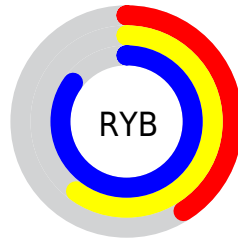
The Hex color **68C1D8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D87F68**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A2FAFF**, and **288BA1** is the 20% darker color. If you saturate the color by 10%, you get **52BDD8**, and if you desaturate by 10%, it is **7EC5D8**.

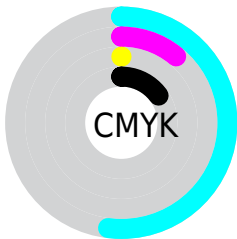
Distribution



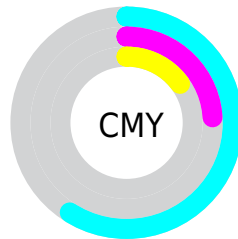
- Red (41%)
- Green (76%)
- Blue (85%)



- Red (41%)
- Yellow (60%)
- Blue (85%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68C1D8 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 68C1D8 by changing the saturation by 10% instead.

 68C1D8

 68C1D8

FFFFFF

 4AA6BC

 A2FAFF

 288BA1

 BFFFFFF

 007287

 DDFFFF


 00596E

 FBFFFF

 004155

 002B3E

 001628

 000113

 000000

 68C1D8

 68C1D8

 52BDD8

 7EC5D8

 3DB8D8

 93CAD8

 27B4D8

 A9CED8

 12AFD8

 BED3D8

 00ACD8

 D4D7D8

 EADCD8

 FFE0D8

 FFE4D8

 FFE9D8

Harmonies

Analogous

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



6AC3C0



68C1D8



81BBE6

Triad

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



68C1D8



E0A3C4



BBB782

Complementary

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



68C1D8



D87F68

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.



D4AE83



68C1D8



E9A2A9

Square

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



68C1D8



C8AADA



E5A692



9EBE8F

Rectangle

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



68C1D8



99B6E8



E5A692



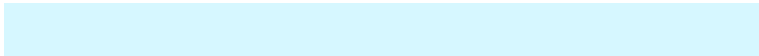
C4B481

Sweetspot

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



68C1D8



D6F7FF



68D87E



677B80



000000



808080

Same Dimension

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



68C1D8



61DFFF



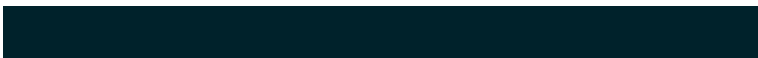
688AD8



60696B



0088AB



00222B

Inverse Universe

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



D868C1



FF61DF



D8B668



6B6069



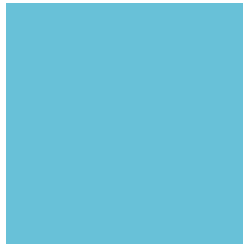
AB0088



2B0022

Previews

White Background



This preview shows how the Hex color 68C1D8 looks on a white background.

Color Contrast Check

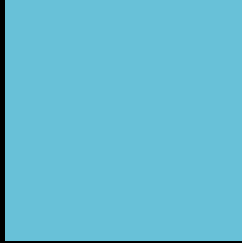
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 68C1D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

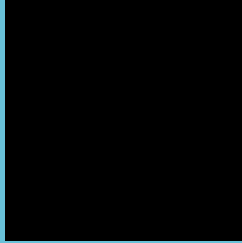
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 68C1D8 Background



This preview shows how black text looks on a background with the Hex color 68C1D8.

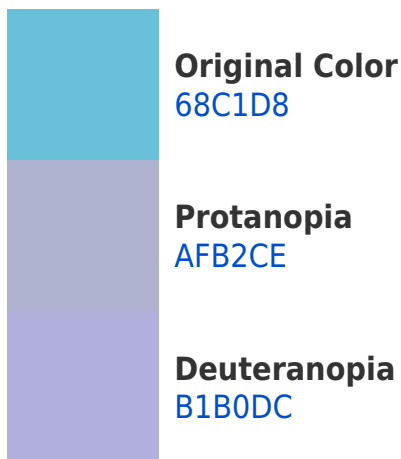


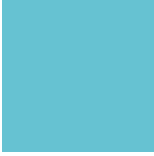
This preview shows how white text looks on a background with the Hex color 68C1D8.

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](#).

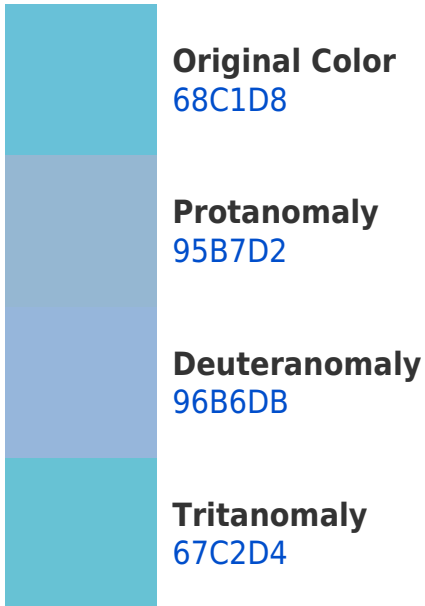
Dichromacy



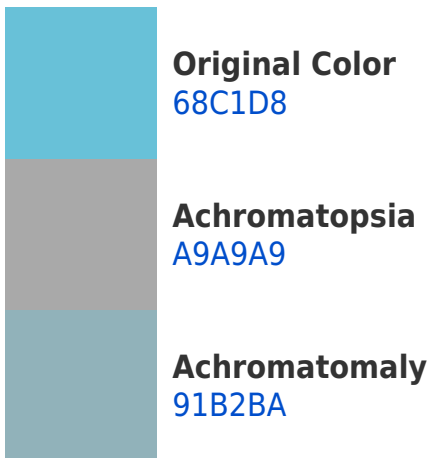


Tritanopia
66C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68C1D8 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 #68C1D8 looks like.

```
.text, #text, p{  
    color:#68C1D8  
}
```

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 #68C1D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C1D8
}
```

Border

The CSS property to change the border of an element to Hex 68C1D8 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
#68C1D8 }
```

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

```
.border{ border-color:#68C1D8 }
```

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

Here you see how a box with a 4 pixel #68C1D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C1D8; -webkit-box-shadow:4px 4px  
4px 4px #68C1D8; box-shadow:4px 4px 4px  
4px #68C1D8 }
```

Background

The CSS property to change the background color of an element to Hex 68C1D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C1D8 }
```

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

```
.background{ background-color:#68C1D8 }
```

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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