

Converting Colors

Hex(68CED8)

Have a look what the booklet for
Hex(68CED8) contains.

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Color

Hex(68CED8)

Conversions

Conversions Part 1

Format	Color
Hex	68CED8
RGB	104, 206, 216
RGB Percent	41%, 81%, 85%
CMY	0.5922, 0.1922, 0.1529
CMYK	0.52, 0.05, 0.00, 0.15
HSL	185°, 59%, 63%
HSV	185°, 52%, 85%
XYZ	40.1749, 52.0435, 72.8937
YIQ	176.6420, -64.0020, -18.5140

Conversions

Conversions Part 2

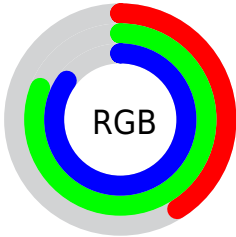
Format	Color
RYB	104, 157, 216
Decimal	6868696
CIELab	77.31, -26.95, -14.09
CIELCh	77, 30.405, 207.600
Yxy	52.0435, 0.2433, 0.3152
Android (android.graphics.Color)	4285058776 (0xFF68CED8)
YUV	176.6420, 19.4035, -63.7070
Hunter-Lab	72.1412, -26.8418, -9.4096

Details

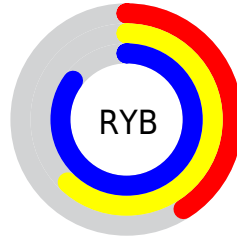
The Hex color **68CED8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D87268**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A3FFFF**, and **2597A1** is the 20% darker color. If you saturate the color by 10%, you get **52CCD8**, and if you desaturate by 10%, it is **7ED0D8**.

Distribution



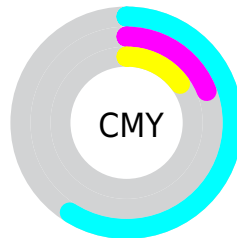
- Red (41%)
- Green (81%)
- Blue (85%)



- Red (41%)
- Yellow (62%)
- Blue (85%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (59%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68CED8 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 68CED8 by changing the saturation by 10% instead.

 68CED8

 68CED8

FFFFFF

 49B2BC

 A3FFFF

 2597A1

 C0FFFF

 007D87

 DEFFFF

 00646E

 FCFFFF

 004C55

 00343E

 002128

 000114

 000000

68CED8

68CED8

52CCD8

7ED0D8

3DCAD8

93D2D8

27C8D8

A9D4D8

12C6D8

BED6D8

00C5D8

D4D8D8

EADAD8

FFDCD8

FFDDD8

FFDFD8

Harmonies

Analogous

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



79CEBC



68CED8



74CAEE

Triad

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



68CED8



E1AFDE



D5BC87

Complementary

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



68CED8



D87268

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.



ECB390



68CED8



F4AAC2

Square

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



68CED8



C0B9F1



F7ACA6



B8C58C

Rectangle

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



68CED8



8BC5F5



F7ACA6



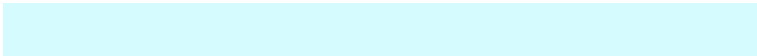
DEB988

Sweetspot

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



68CED8



D6FBFF



68D871



677D80



000000



808080

Same Dimension

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



68CED8



61F1FF



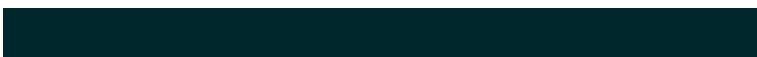
6897D8



606A6B



009CAB



00272B

Inverse Universe

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



D868CE



FF61F1



D8A968



6B606A



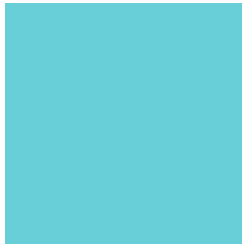
AB009C



2B0027

Previews

White Background



This preview shows how the Hex color 68CED8 looks on a white background.

Color Contrast Check

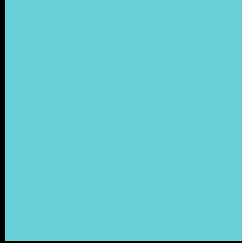
Large Text (above 18pt) WCAG AA × Fail

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 68CED8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

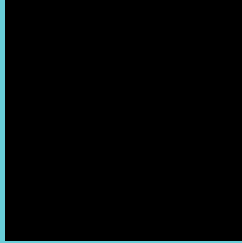
Any Text WCAG AA ✓ Pass

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 68CED8 Background



This preview shows how black text looks on a background with the Hex color 68CED8.

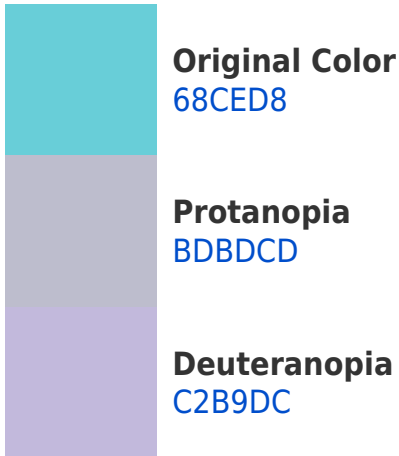


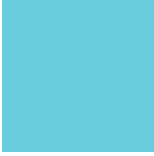
This preview shows how white text looks on a background with the Hex color 68CED8.

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
6ACDDE

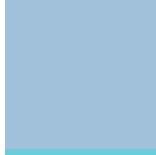
Trichromacy



Original Color
68CED8



Protanomaly
9EC3D1



Deuteranomaly
A1C1DB

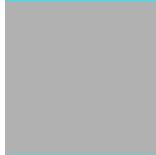


Tritanomaly
69CDDC

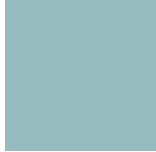
Monochromacy



Original Color
68CED8



Achromatopsia
B1B1B1



Achromatomaly
96BCBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 68CED8 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 #68CED8 looks like.

```
.text, #text, p{  
    color:#68CED8  
}
```

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 #68CED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CED8  
}
```

Border

The CSS property to change the border of an element to Hex 68CED8 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  
#68CED8 }
```

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

```
.border{ border-color:#68CED8 }
```

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

Here you see how a box with a 4 pixel #68CED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CED8; -webkit-box-shadow:4px 4px  
4px 4px #68CED8; box-shadow:4px 4px 4px  
4px #68CED8 }
```

Background

The CSS property to change the background color of an element to Hex 68CED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CED8 }
```

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

```
.background{ background-color:#68CED8 }
```

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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