

Converting Colors

Hex(68CBE8)

Have a look what the booklet for
Hex(68CBE8) contains.

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Color

Hex(68CBE8)

Conversions

Conversions Part 1

Format	Color
Hex	68CBE8
RGB	104, 203, 232
RGB Percent	41%, 80%, 91%
CMY	0.5922, 0.2039, 0.0902
CMYK	0.55, 0.13, 0.00, 0.09
HSL	194°, 74%, 66%
HSV	194°, 55%, 91%
XYZ	41.6303, 51.4811, 84.0866
YIQ	176.7050, -68.3130, -11.9690

Conversions

Conversions Part 2

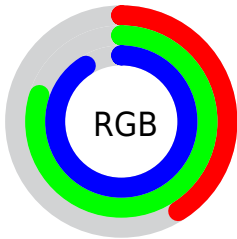
Format	Color
RYB	104, 160, 232
Decimal	6867944
CIELab	76.97, -21.01, -23.20
CIELCh	77, 31.302, 227.832
Yxy	51.4811, 0.2349, 0.2905
Android (android.graphics.Color)	4285058024 (0xFF68CBE8)
YUV	176.7050, 27.2604, -63.7623
Hunter-Lab	71.7503, -21.9954, -19.2587

Details

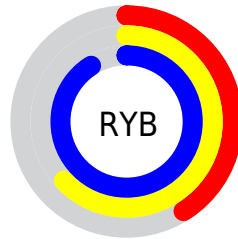
The Hex color **68CBE8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E88568**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A4FFFF**, and **2295B0** is the 20% darker color. If you saturate the color by 10%, you get **51C6E8**, and if you desaturate by 10%, it is **7FD0E8**.

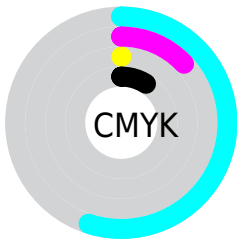
Distribution



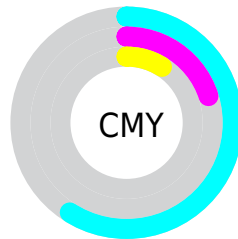
- Red (41%)
- Green (80%)
- Blue (91%)



- Red (41%)
- Yellow (63%)
- Blue (91%)



- Cyan (55%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68CBE8 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 68CBE8 by changing the saturation by 10% instead.

 68CBE8

 68CBE8

FFFFFF

 48AFCC

 A4FFFF

 2295B0

 C1FFFF

 007B96

 DFFFFF

 00627C

FEFFFF

 004A63

 00334B

 001F34

 00021F

 000002

 68CBE8

 68CBE8

 51C6E8

 7FD0E8

 3AC0E8

 96D6E8

 22BBE8

 AEDBE8

 0BB6E8

 C5E0E8

 00B3E8

 DCE5E8

 F3EBE8

 FFF0E8

 FFF5E8

 FFFAE8

Harmonies

Analogous

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



66CECF



68CBE8



88C4F6

Triad

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



68CBE8



F0AACB



C1C286

Complementary

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



68CBE8



E88568

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.



DDB886



68CBE8



F8A9AE

Square

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



68CBE8



D7B1E5



F1AF94



A0C996

Rectangle

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



68CBE8



A4BEF7



F1AF94



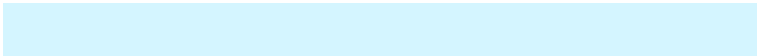
CBBF84

Sweetspot

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



68CBE8



D4F5FF



68E884



667A80



000000



808080

Same Dimension

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



68CBE8



57D9FF



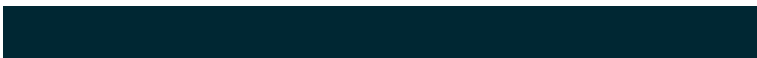
688CE8



677073



008AB3



002733

Inverse Universe

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



E868CB



FF57D9



E8C468



736770



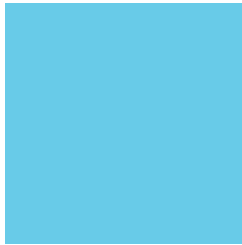
B3008A



330027

Previews

White Background



This preview shows how the Hex color 68CBE8 looks on a white background.

Color Contrast Check

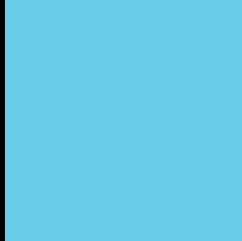
Large Text (above 18pt) WCAG AA × Fail

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 68CBE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

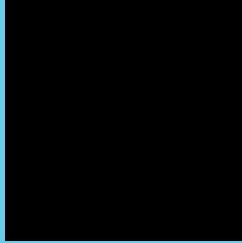
Any Text WCAG AA ✓ Pass

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 68CBE8 Background



This preview shows how black text looks on a background with the Hex color 68CBE8.



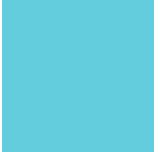
This preview shows how white text looks on a background with the Hex color 68CBE8.

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](#).

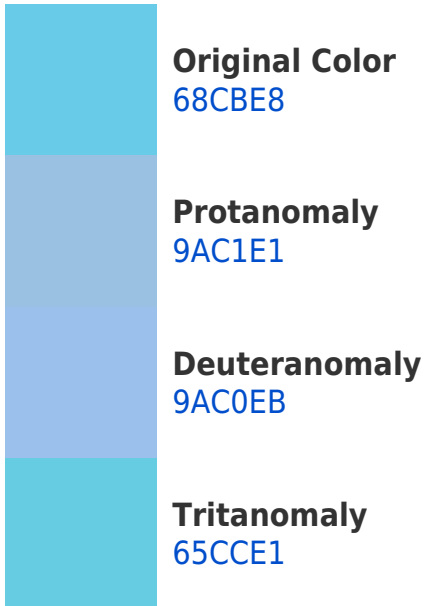
Dichromacy



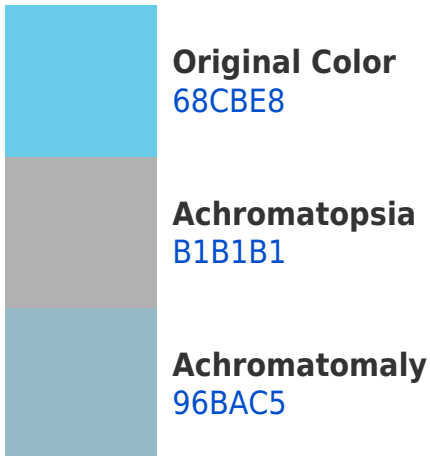


Tritanopia
64CDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68CBE8 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 #68CBE8 looks like.

```
.text, #text, p{  
    color:#68CBE8  
}
```

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 #68CBE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CBE8  
}
```

Border

The CSS property to change the border of an element to Hex 68CBE8 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  
#68CBE8 }
```

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

```
.border{ border-color:#68CBE8 }
```

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

Here you see how a box with a 4 pixel #68CBE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CBE8; -webkit-box-shadow:4px 4px  
4px 4px #68CBE8; box-shadow:4px 4px 4px  
4px #68CBE8 }
```

Background

The CSS property to change the background color of an element to Hex 68CBE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CBE8 }
```

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

```
.background{ background-color:#68CBE8 }
```

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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