

# Converting Colors

Hex(68CAE1)

Have a look what the booklet for  
Hex(68CAE1) contains.

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# **Color**

**Hex(68CAE1)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 68CAE1                       |
| RGB         | 104, 202, 225                |
| RGB Percent | 41%, 79%, 88%                |
| CMY         | 0.5922, 0.2078, 0.1176       |
| CMYK        | 0.54, 0.10, 0.00, 0.12       |
| HSL         | 191°, 67%, 65%               |
| HSV         | 191°, 54%, 88%               |
| XYZ         | 40.4201, 50.6204, 78.8745    |
| YIQ         | 175.3200, -65.7910, -13.6230 |

# Conversions

## Conversions Part 2

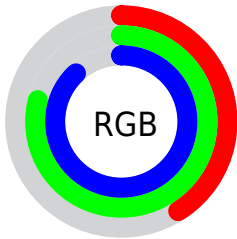
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 104, 158, 225                  |
| Decimal                             | 6867681                        |
| CIELab                              | 76.45, -22.48, -20.23          |
| CIElCh                              | 76, 30.243, 221.975            |
| Yxy                                 | 50.6204, 0.2379,<br>0.2979     |
| Android<br>(android.graphics.Color) | 4285057761<br>(0xFF68CAE1)     |
| YUV                                 | 175.3200, 24.4922,<br>-62.5476 |
| Hunter-Lab                          | 71.1480, -23.1009,<br>-15.9252 |

# Details

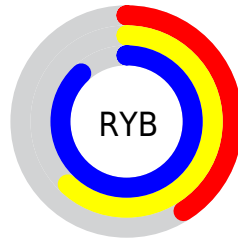
The Hex color **68CAE1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E17F68**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A3FFFF**, and **2494AA** is the 20% darker color. If you saturate the color by 10%, you get **52C6E1**, and if you desaturate by 10%, it is **7ECEEE**.

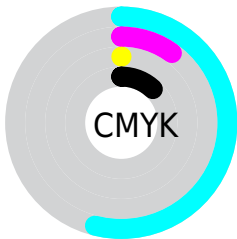
# Distribution



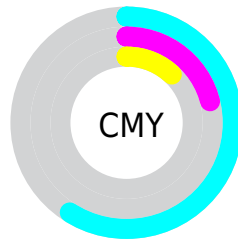
- Red (41%)
- Green (79%)
- Blue (88%)



- Red (41%)
- Yellow (62%)
- Blue (88%)



- Cyan (54%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (21%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68CAE1 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 68CAE1 by changing the saturation by 10% instead.



 68CAE1

 68CAE1

FFFFFF

 49AEC5

 A3FFFF

 2494AA

 C1FFFF

 007A8F

 DEFFFF

 006176

FDFFFF

 00495D

 003245

 001E2F

 00011A

 000000

■ 68CAE1

■ 68CAE1

■ 52C6E1

■ 7ECE1

■ 3BC1E1

■ 95D3E1

■ 25BDE1

■ ACD7E1

■ 0EB9E1

■ C2DBE1

■ 00B6E1

■ D9DFE1

■ EFE4E1

■ FFE8E1

■ FFECE1

■ FFF0E1

# Harmonies

## Analogous

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



6CCCC7



68CAE1



82C4F1

# Triad

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



68CAE1



E9AACF



C5BE86

# Complementary

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



68CAE1



E17F68

# 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.



E0B588



68CAE1



F5A8B2

# Square

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



68CAE1



CFB2E6



F1AC98



A6C692

# Rectangle

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



68CAE1



9CBFF4



F1AC98



CFBB85

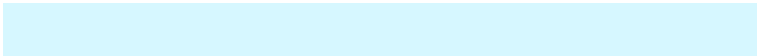


# Sweetspot

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



68CAE1



D6F7FF



68E17E



677B80



000000



808080



# Same Dimension

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



68CAE1



59DFFF



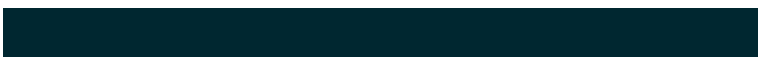
688EE1



656E70



008FB0



002730



# Inverse Universe

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



E168CA



FF59DF



E1BB68



70656E



B0008F

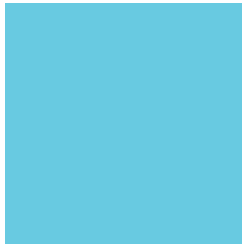


300027



# Previews

## White Background



This preview shows how the Hex color 68CAE1 looks on a white background.

## Color Contrast Check

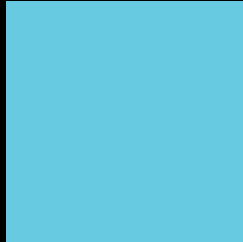
Large Text (above 18pt) WCAG AA × Fail

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 68CAE1 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 68CAE1 Background



This preview shows how black text looks on a background with the Hex color 68CAE1.

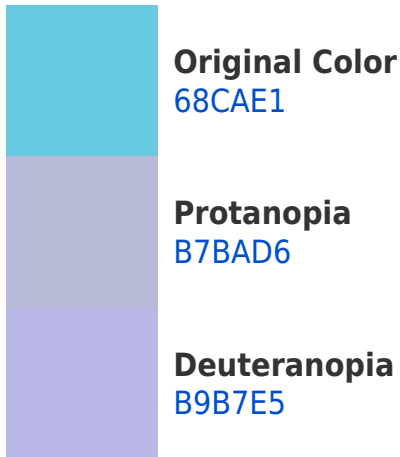


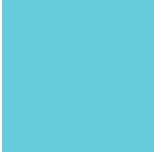
This preview shows how white text looks on a background with the Hex color 68CAE1.

# 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](#).

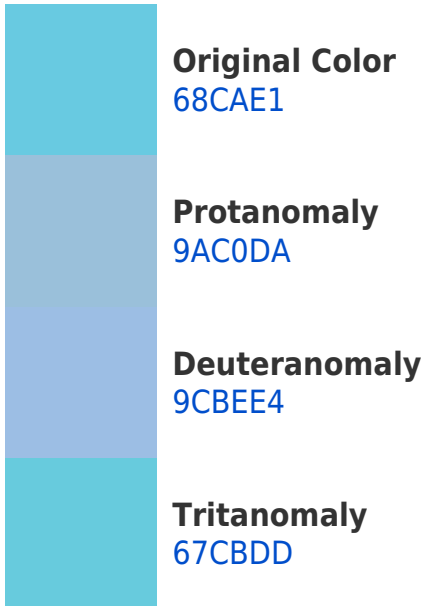
## Dichromacy



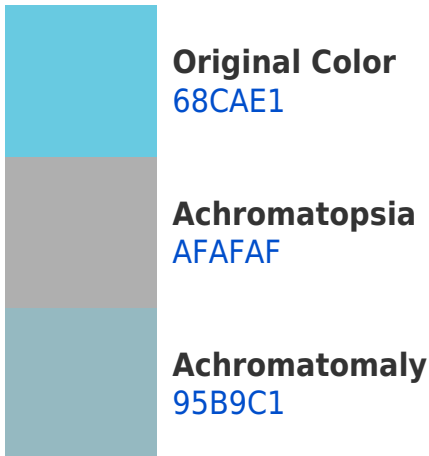


**Tritanopia**  
66CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68CAE1 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 #68CAE1 looks like.

```
.text, #text, p{  
    color:#68CAE1  
}
```

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 #68CAE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68CAE1
}
```

## Border

The CSS property to change the border of an element to Hex 68CAE1 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
#68CAE1 }
```

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

```
.border{ border-color:#68CAE1 }
```

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

Here you see how a box with a 4 pixel #68CAE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68CAE1; -webkit-box-shadow:4px 4px  
4px 4px #68CAE1; box-shadow:4px 4px 4px  
4px #68CAE1 }
```

# Background

The CSS property to change the background color of an element to Hex 68CAE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68CAE1 }
```

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

```
.background{ background-color:#68CAE1 }
```

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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