

# Converting Colors

Hex(68E7CB)

Have a look what the booklet for  
Hex(68E7CB) contains.

<b>Hex(68E7CB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(68E7CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68E7CB
RGB	104, 231, 203
RGB Percent	41%, 91%, 80%
CMY	0.5922, 0.0941, 0.2039
CMYK	0.55, 0.00, 0.12, 0.09
HSL	167°, 73%, 66%
HSV	167°, 55%, 91%
XYZ	45.0643, 64.4067, 66.5565
YIQ	189.8350, -66.7040, -35.6320

# Conversions

## Conversions Part 2

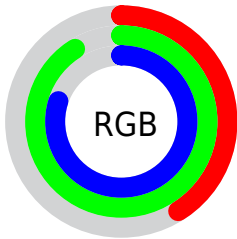
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 175, 231
Decimal	6875083
CIELab	84.18, -41.91, 2.98
CIELCh	84, 42.020, 175.929
Yxy	64.4067, 0.2560, 0.3659
Android (android.graphics.Color)	4285065163 (0xFF68E7CB)
YUV	189.8350, 6.4903, -75.2773
Hunter-Lab	80.2538, -40.2123, 7.0069

# Details

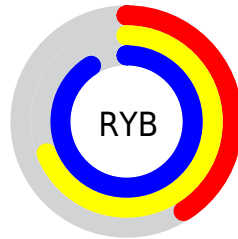
The Hex color **68E7CB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E76884**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A4FFFF**, and **20AF95** is the 20% darker color. If you saturate the color by 10%, you get **51E7C6**, and if you desaturate by 10%, it is **7FE7D0**.

# Distribution



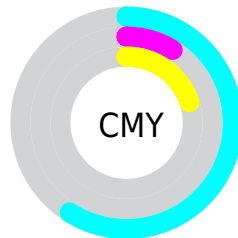
- Red (41%)
- Green (91%)
- Blue (80%)



- Red (41%)
- Yellow (69%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 68E7CB 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 68E7CB by changing the saturation by 10% instead.



 68E7CB

 68E7CB


FFFFFF

 48CBB0

 A4FFFF

 20AF95

 C2FFFF

 00947B

 E0FFFF

 007962

FEFFFF

 00604B

 004734

 00301F

 001707

 000000

 68E7CB

 68E7CB

 51E7C6

 7FE7D0

 3AE7C1

 96E7D5

 23E7BC

 ADE7DA

 0CE7B7

 C4E7DF

 00E7B4

 DBE7E4

 F3E7EA

 FFE7EF

 FFE7F4

 FFE7F9

# Harmonies

## Analogous

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



9BE3A4



68E7CB



3BE7F3

# Triad

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



68E7CB



CFAFF



FFC092

# Complementary

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



68E7CB



E76884

# 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.



FFB6B1



68E7CB



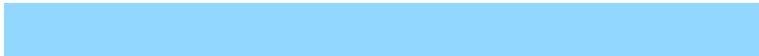
FFBCFF

# Square

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



68E7CB



91D7FF



FFB4D9



F1CE83

# Rectangle

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



68E7CB



40E4FF



FFB4D9



FFBC9B

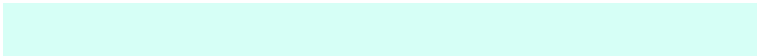


# Sweetspot

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



68E7CB



D6FFF6



86E768



67807A



000000



808080



# Same Dimension

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



68E7CB



57FFDA



68C5E7



677370



00B38B



003328



# Inverse Universe

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



E76884



FF577C



E78A68



73676A



B30027

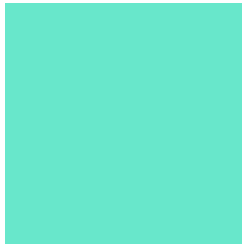


33000B



# Previews

## White Background



This preview shows how the Hex color 68E7CB looks on a white background.

## Color Contrast Check

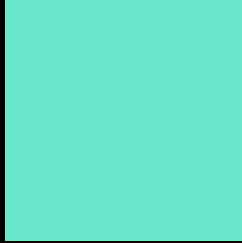
Large Text (above 18pt) WCAG AA × Fail

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 68E7CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

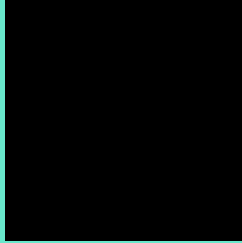
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 68E7CB Background



This preview shows how black text looks on a background with the Hex color 68E7CB.

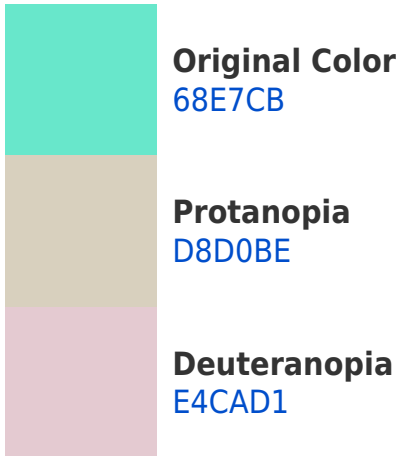


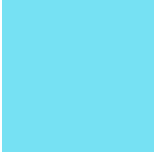
This preview shows how white text looks on a background with the Hex color 68E7CB.

# 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**  
76E1F3

# Trichromacy



**Original Color**  
68E7CB



**Protanomaly**  
AFD8C3



**Deuteranomaly**  
B7D5CF

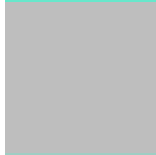


**Tritanomaly**  
71E3E4

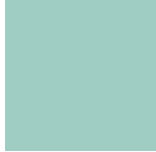
# Monochromacy



**Original Color**  
68E7CB



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
9FCDC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68E7CB 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 #68E7CB looks like.

```
.text, #text, p{  
    color:#68E7CB  
}
```

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 #68E7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68E7CB  
}
```

## Border

The CSS property to change the border of an element to Hex 68E7CB 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  
#68E7CB }
```

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

```
.border{ border-color:#68E7CB }
```

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

Here you see how a box with a 4 pixel #68E7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68E7CB; -webkit-box-shadow:4px 4px  
4px 4px #68E7CB; box-shadow:4px 4px 4px  
4px #68E7CB }
```

# Background

The CSS property to change the background color of an element to Hex 68E7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68E7CB }
```

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

```
.background{ background-color:#68E7CB }
```

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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