

Converting Colors

Hex(67E6CB)

Have a look what the booklet for
Hex(67E6CB) contains.

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Color

Hex(67E6CB)

Conversions

Conversions Part 1

Format	Color
Hex	67E6CB
RGB	103, 230, 203
RGB Percent	40%, 90%, 80%
CMY	0.5961, 0.0980, 0.2039
CMYK	0.55, 0.00, 0.12, 0.10
HSL	167°, 72%, 65%
HSV	167°, 55%, 90%
XYZ	44.6698, 63.7890, 66.4581
YIQ	188.9490, -67.0250, -35.3210

Conversions

Conversions Part 2

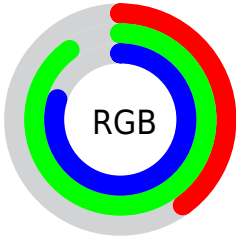
Format	Color
RYB	103, 174, 230
Decimal	6809291
CIELab	83.86, -41.67, 2.51
CIElCh	84, 41.746, 176.549
Yxy	63.7890, 0.2554, 0.3647
Android (android.graphics.Color)	4284999371 (0xFF67E6CB)
YUV	188.9490, 6.9271, -75.3773
Hunter-Lab	79.8680, -39.9348, 6.5725

Details

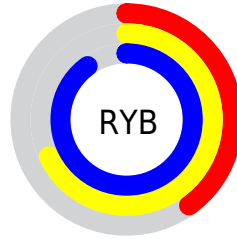
The Hex color **67E6CB** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E66782**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A3FFFF**, and **1EAE95** is the 20% darker color. If you saturate the color by 10%, you get **50E6C6**, and if you desaturate by 10%, it is **7EE6D0**.

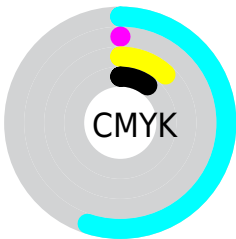
Distribution



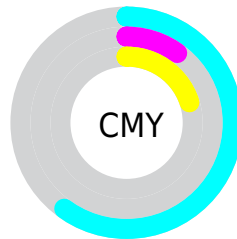
- Red (40%)
- Green (90%)
- Blue (80%)



- Red (40%)
- Yellow (68%)
- Blue (90%)



- Cyan (55%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (60%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E6CB 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 67E6CB by changing the saturation by 10% instead.

 67E6CB

 67E6CB

FFFFFF

 47CAB0

 A3FFFF

 1EAE95

 C1FFFF

 00937B


 DFFFFF

 007862

FDFFFF

 005F4B

 004634

 002F1F

 001607

 000000

 67E6CB

 67E6CB

 50E6C6

 7EE6D0

 39E6C1

 95E6D5

 22E6BC

 ACE6DA

 0BE6B7

 C3E6DF

 00E6B5

 DAE6E3

 F1E6E8

 FFE6ED

 FFE6F2

 FFE6F7

Harmonies

Analogous

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



99E2A4



67E6CB



3BE6F3

Triad

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



67E6CB



CFC9FF



FFC091

Complementary

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



67E6CB



E66782

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.



FFB5B0



67E6CB



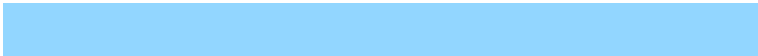
FFBBFD

Square

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



67E6CB



92D6FF



FFB3D7



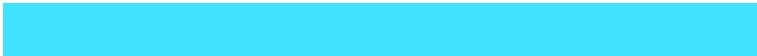
F0CD82

Rectangle

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



67E6CB



41E3FF



FFB3D7



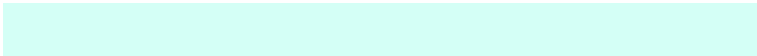
FFBB9A

Sweetspot

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



67E6CB



D4FFF6



83E667



66807A



000000



808080

Same Dimension

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



67E6CB



57FFDB



67C2E6



677370



00B38D



003328

Inverse Universe

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



E66782



FF577A



E68B67



73676A



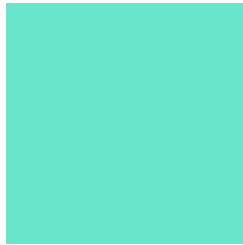
B30026



33000B

Previews

White Background



This preview shows how the Hex color 67E6CB looks on a white background.

Color Contrast Check

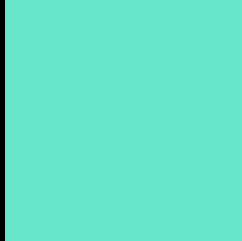
Large Text (above 18pt) WCAG AA × Fail

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 67E6CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

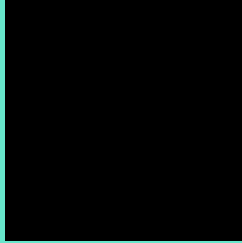
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

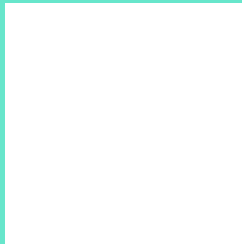
Any Text WCAG AAA ✓ Pass

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

Hex 67E6CB Background



This preview shows how black text looks on a background with the Hex color 67E6CB.



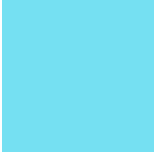
This preview shows how white text looks on a background with the Hex color 67E6CB.

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
75E0F2

Trichromacy



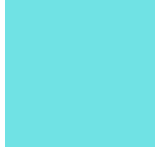
Original Color
67E6CB



Protanomaly
AED7C3



Deuteranomaly
B6D4CF

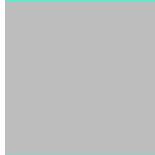


Tritanomaly
70E2E4

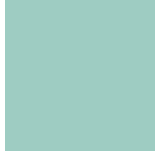
Monochromacy



Original Color
67E6CB



Achromatopsia
BDBDBD



Achromatomaly
9ECCC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 67E6CB 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 #67E6CB looks like.

```
.text, #text, p{  
    color:#67E6CB  
}
```

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 #67E6CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E6CB  
}
```

Border

The CSS property to change the border of an element to Hex 67E6CB 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  
#67E6CB }
```

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

```
.border{ border-color:#67E6CB }
```

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

Here you see how a box with a 4 pixel #67E6CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E6CB; -webkit-box-shadow:4px 4px  
4px 4px #67E6CB; box-shadow:4px 4px 4px  
4px #67E6CB }
```

Background

The CSS property to change the background color of an element to Hex 67E6CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E6CB }
```

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

```
.background{ background-color:#67E6CB }
```

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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