

Converting Colors

Hex(67BBE7)

Have a look what the booklet for
Hex(67BBE7) contains.

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Color

Hex(67BBE7)

Conversions

Conversions Part 1

Format	Color
Hex	67BBE7
RGB	103, 187, 231
RGB Percent	40%, 73%, 91%
CMY	0.5961, 0.2667, 0.0941
CMYK	0.55, 0.19, 0.00, 0.09
HSL	201°, 73%, 65%
HSV	201°, 55%, 91%
XYZ	37.7876, 44.1937, 82.1399
YIQ	166.9000, -64.1880, -4.1240

Conversions

Conversions Part 2

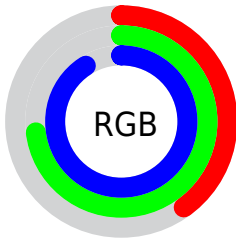
Format	Color
RYB	103, 154, 231
Decimal	6798311
CIELab	72.36, -13.20, -29.72
CIELCh	72, 32.523, 246.059
Yxy	44.1937, 0.2302, 0.2693
Android (android.graphics.Color)	4284988391 (0xFF67BBE7)
YUV	166.9000, 31.6013, -56.0403
Hunter-Lab	66.4784, -14.8741, -26.7232

Details

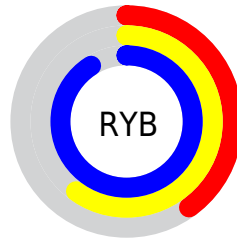
The Hex color **67BBE7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E79367**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A2F3FF**, and **2386AF** is the 20% darker color. If you saturate the color by 10%, you get **50B3E7**, and if you desaturate by 10%, it is **7EC3E7**.

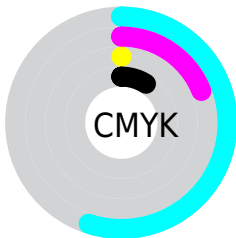
Distribution



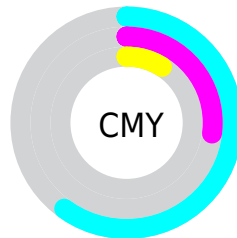
- Red (40%)
- Green (73%)
- Blue (91%)



- Red (40%)
- Yellow (60%)
- Blue (91%)



- Cyan (55%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67BBE7 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 67BBE7 by changing the saturation by 10% instead.

67BBE7

67BBE7

FFFFFF

48A0CB

A2F3FF

2386AF

C0FFFF

006D94

DDFFFF

00547B

FBFFFF

003D61

002749

001233

00021D

000000

■ 67BBE7

■ 67BBE7

■ 50B3E7

■ 7EC3E7

■ 39ABE7

■ 95CBE7

■ 22A3E7

■ ACD3E7

■ 0B9BE7

■ C3DBE7

■ 0098E7

■ DBE3E7

■ F2EBE7

■ FFF3E7

■ FFFBE7

■ FFFF E7

Harmonies

Analogous

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



4EC0D3



67BBE7



93B2EC

Triad

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



67BBE7



EC9BAC



A0BA81

Complementary

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



67BBE7



E79367

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.



C0B276



67BBE7



EA9F90

Square

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



67BBE7



DC9FCA



DAA77C



7DC098

Rectangle

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



67BBE7



B0ABE7



DAA77C



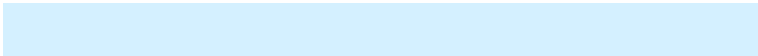
ABB87B

Sweetspot

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



67BBE7



D4F0FF



67E792



667780



000000



808080

Same Dimension

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



67BBE7



57C5FF



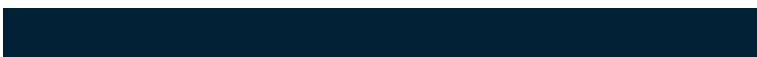
677CE7



676F73



0075B3



002133

Inverse Universe

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



E767BB



FF57C5



E7D267



73676F



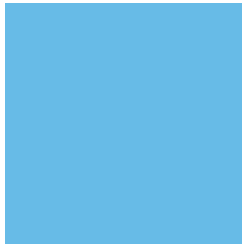
B30075



330021

Previews

White Background



This preview shows how the Hex color 67BBE7 looks on a white background.

Color Contrast Check

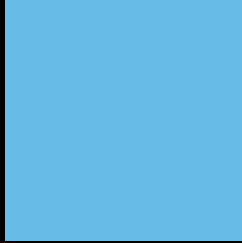
Large Text (above 18pt) WCAG AA × Fail

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 67BBE7 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

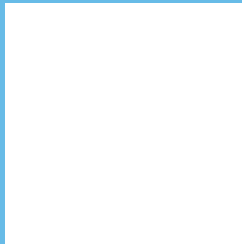
Any Text WCAG AAA ✓ Pass

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

Hex 67BBE7 Background



This preview shows how black text looks on a background with the Hex color 67BBE7.

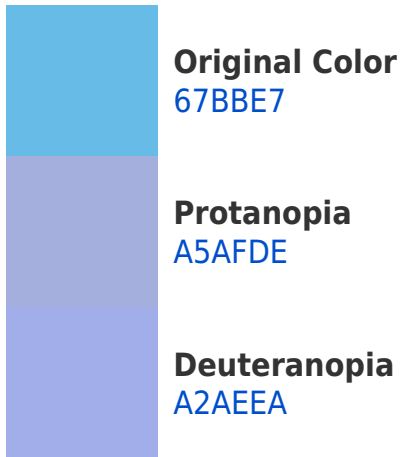


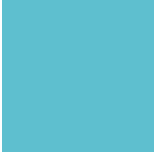
This preview shows how white text looks on a background with the Hex color 67BBE7.

Color Blindness Simulation

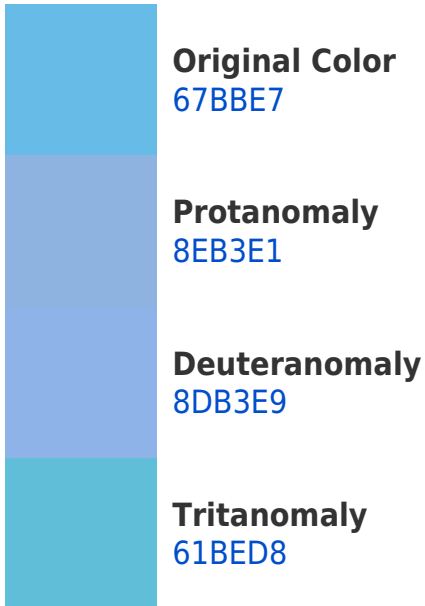
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

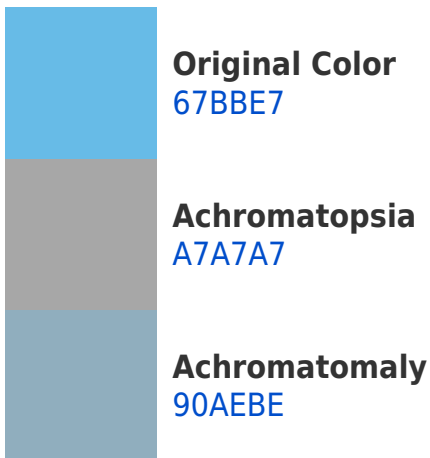




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67BBE7 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 #67BBE7 looks like.

```
.text, #text, p{  
    color:#67BBE7  
}
```

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 #67BBE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BBE7
}
```

Border

The CSS property to change the border of an element to Hex 67BBE7 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
#67BBE7 }
```

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

```
.border{ border-color:#67BBE7 }
```

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

Here you see how a box with a 4 pixel #67BBE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BBE7; -webkit-box-shadow:4px 4px  
4px 4px #67BBE7; box-shadow:4px 4px 4px  
4px #67BBE7 }
```

Background

The CSS property to change the background color of an element to Hex 67BBE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BBE7 }
```

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

```
.background{ background-color:#67BBE7 }
```

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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