

Converting Colors

Hex(67BAEB)

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

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Color

Hex(67BAEB)

Conversions

Conversions Part 1

Format	Color
Hex	67BAEB
RGB	103, 186, 235
RGB Percent	40%, 73%, 92%
CMY	0.5961, 0.2706, 0.0784
CMYK	0.56, 0.21, 0.00, 0.08
HSL	202°, 77%, 66%
HSV	202°, 56%, 92%
XYZ	38.1478, 43.9995, 85.0794
YIQ	166.7690, -65.1970, -2.3570

Conversions

Conversions Part 2

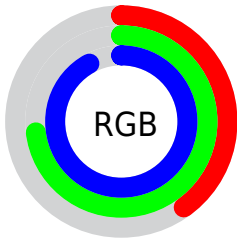
Format	Color
RYB	103, 154, 235
Decimal	6798059
CIELab	72.23, -11.47, -32.09
CIElCh	72, 34.084, 250.327
Yxy	43.9995, 0.2281, 0.2631
Android (android.graphics.Color)	4284988139 (0xFF67BAEB)
YUV	166.7690, 33.6379, -55.9254
Hunter-Lab	66.3321, -13.4254, -29.6145

Details

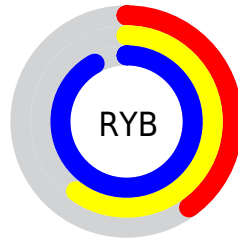
The Hex color **67BAEB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9867**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A2F2FF**, and **2285B3** is the 20% darker color. If you saturate the color by 10%, you get **4FB1EB**, and if you desaturate by 10%, it is **7FC3EB**.

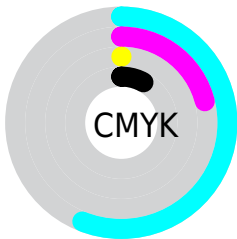
Distribution



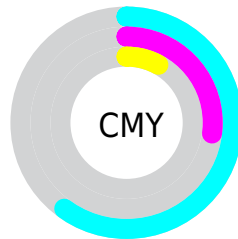
- Red (40%)
- Green (73%)
- Blue (92%)



- Red (40%)
- Yellow (60%)
- Blue (92%)



- Cyan (56%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (60%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 67BAEB

 67BAEB

FFFFFF

 489FCF

 A2F2FF

 2285B3

 C0FFFF

 006C98

 DEFFFF

 00547E

 FCFFFF

 003C65

 00274D

 001236

 000220

 000004

■ 67BAEB

■ 67BAEB

■ 4FB1EB

■ 7FC3EB

■ 38A9EB

■ 96CBEB

■ 21A0EB

■ AED4EB

■ 0997EB

■ C5DDEB

■ 0094EB

■ DDE6EB

■ F4EEEB

■ FFF7EB

■ FFFFEB

Harmonies

Analogous

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



46C0D8



67BAEB



97B0EE

Triad

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



67BAEB



EE99A7



99BB81

Complementary

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



67BAEB



EB9867

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.



BCB373



67BAEB



EB9E8A

Square

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



67BAEB



E19CC7



D8A877



74C09B

Rectangle

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



67BAEB



B6A9E7



D8A877



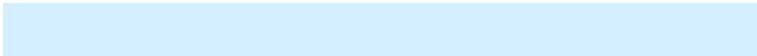
A5B97A

Sweetspot

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



67BAEB



D4EFFF



67EB97



667680



000000



808080

Same Dimension

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



67BAEB



54C0FF



6779EB



6A7175



0072B5



002236

Inverse Universe

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



EB67BA



FF54C0



EBD967



756A71



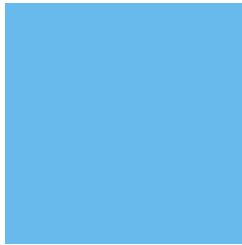
B50072



360022

Previews

White Background



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

Color Contrast Check

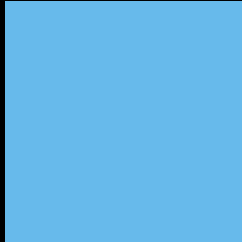
Large Text (above 18pt) WCAG AA × Fail

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 67BAEB 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

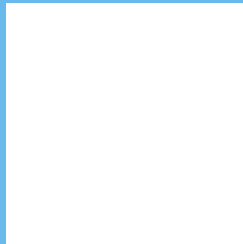
Any Text WCAG AAA ✓ Pass

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

Hex 67BAEB Background



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

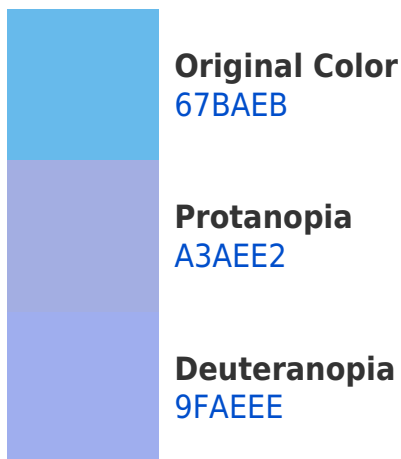


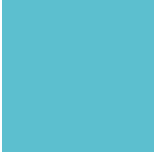
This preview shows how white text looks on a background with the Hex color 67BAEB.

Color Blindness Simulation

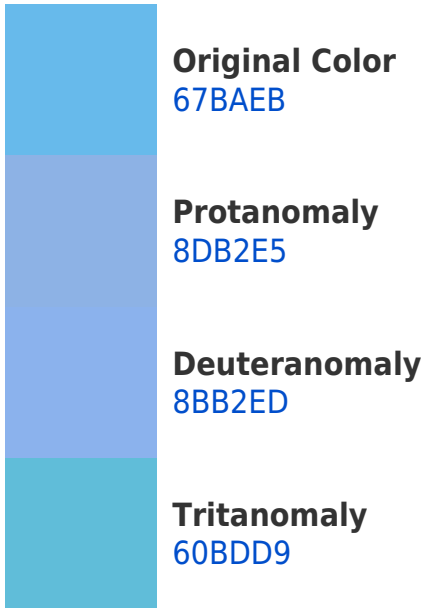
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

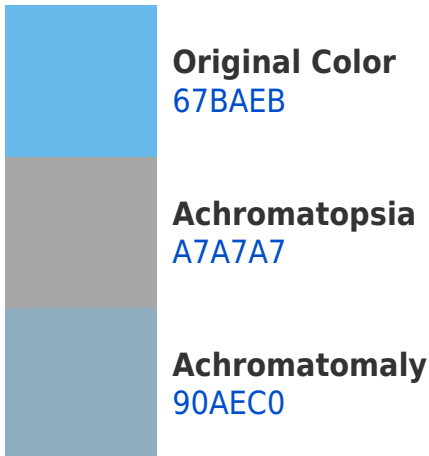




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #67BAEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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