

Converting Colors

Hex(6FB8E8)

Have a look what the booklet for
Hex(6FB8E8) contains.

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Color

Hex(6FB8E8)

Conversions

Conversions Part 1

Format	Color
Hex	6FB8E8
RGB	111, 184, 232
RGB Percent	44%, 72%, 91%
CMY	0.5647, 0.2784, 0.0902
CMYK	0.52, 0.21, 0.00, 0.09
HSL	204°, 72%, 67%
HSV	204°, 52%, 91%
XYZ	38.2615, 43.4867, 82.7211
YIQ	167.6450, -58.9160, -0.5480

Conversions

Conversions Part 2

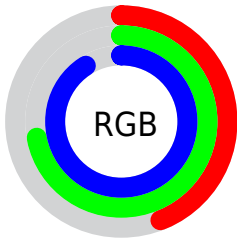
Format	Color
RYB	111, 157, 232
Decimal	7321832
CIELab	71.88, -9.63, -30.97
CIELCh	72, 32.431, 252.735
Yxy	43.4867, 0.2326, 0.2644
Android (android.graphics.Color)	4285511912 (0xFF6FB8E8)
YUV	167.6450, 31.7270, -49.6777
Hunter-Lab	65.9444, -11.8355, -28.2126

Details

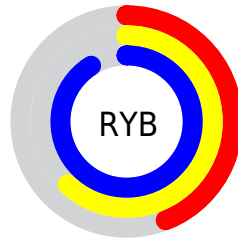
The Hex color **6FB8E8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E89F6F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A9F0FF**, and **3183B0** is the 20% darker color. If you saturate the color by 10%, you get **58AFE8**, and if you desaturate by 10%, it is **86C1E8**.

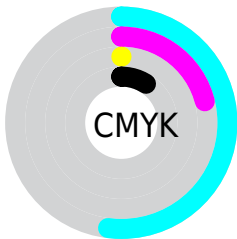
Distribution



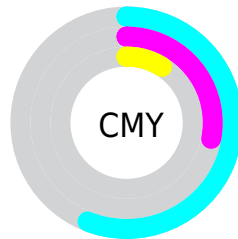
- Red (44%)
- Green (72%)
- Blue (91%)



- Red (44%)
- Yellow (62%)
- Blue (91%)



- Cyan (52%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (56%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FB8E8 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 6FB8E8 by changing the saturation by 10% instead.

 6FB8E8

 6FB8E8

FFFFFF

 519DCC

 A9F0FF

 3183B0

 C6FFFF

 006A95

 E4FFFF

 00527B

 003B62

 00254A

 001033

 00021E

 000000

■ 6FB8E8

■ 6FB8E8

■ 58AFE8

■ 86C1E8

■ 41A6E8

■ 9DCAE8

■ 299CE8

■ B5D4E8

■ 1293E8

■ CCDDE8

■ 008CE8

■ E3E6E8

■ FAEFE8

■ FFF8E8

■ FFFF8E8

Harmonies

Analogous

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



50BED7



6FB8E8



9CAFEA

Triad

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



6FB8E8



EB9AA4



97BA84

Complementary

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



6FB8E8



E89F6F

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.



B8B276



6FB8E8



E69F89

Square

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



6FB8E8



E09CC2



D4A878



74BF9E

Rectangle

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



6FB8E8



B8A8E2



D4A878



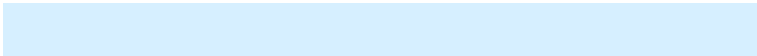
A2B87E

Sweetspot

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



6FB8E8



D6EFFF



6FE89D



677680



000000



808080

Same Dimension

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



6FB8E8



5EBFFF



6F7DE8



676E73



006CB3



001F33

Inverse Universe

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



E86FB8



FF5EBF



E8DA6F



73676E



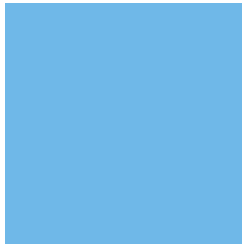
B3006C



33001F

Previews

White Background



This preview shows how the Hex color 6FB8E8 looks on a white background.

Color Contrast Check

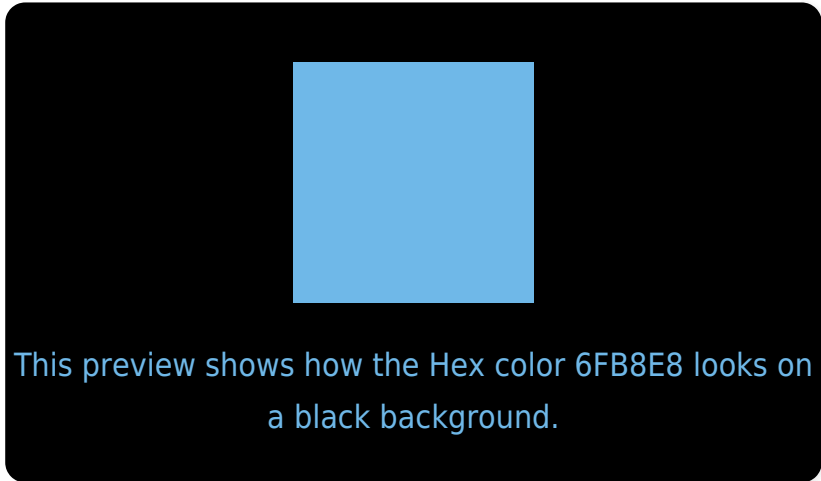
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

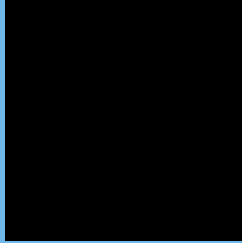
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

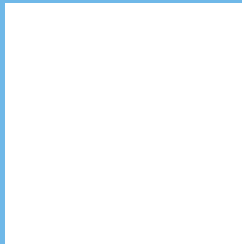
Any Text WCAG AAA ✓ Pass

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

Hex 6FB8E8 Background



This preview shows how black text looks on a background with the Hex color 6FB8E8.



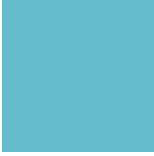
This preview shows how white text looks on a background with the Hex color 6FB8E8.

Color Blindness Simulation

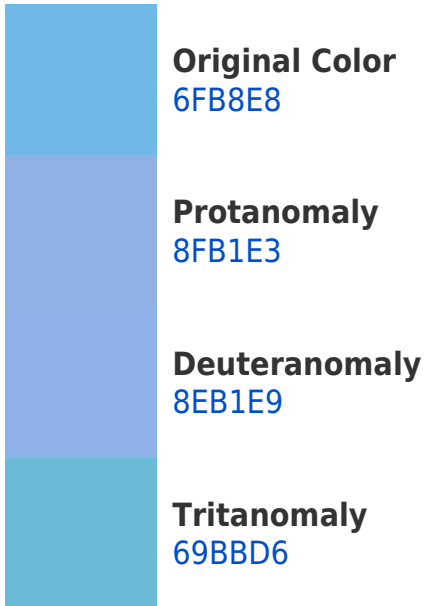
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

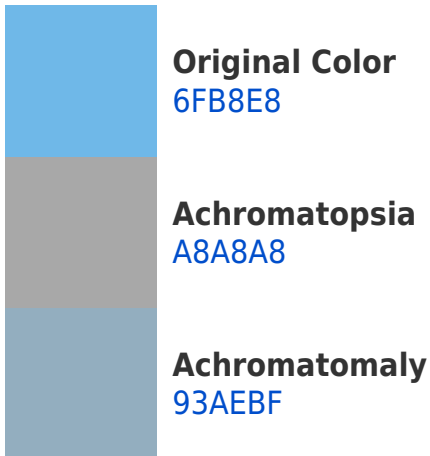




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FB8E8 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 #6FB8E8 looks like.

```
.text, #text, p{  
    color:#6FB8E8  
}
```

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 #6FB8E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB8E8  
}
```

Border

The CSS property to change the border of an element to Hex 6FB8E8 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  
#6FB8E8 }
```

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

```
.border{ border-color:#6FB8E8 }
```

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

Here you see how a box with a 4 pixel #6FB8E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB8E8; -webkit-box-shadow:4px 4px  
4px 4px #6FB8E8; box-shadow:4px 4px 4px  
4px #6FB8E8 }
```

Background

The CSS property to change the background color of an element to Hex 6FB8E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB8E8 }
```

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

```
.background{ background-color:#6FB8E8 }
```

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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