

Converting Colors

Hex(6EBFDB)

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

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Color

Hex(6EBFDB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6EBFDB |
| RGB | 110, 191, 219 |
| RGB Percent | 43%, 75%, 86% |
| CMY | 0.5686, 0.2510, 0.1412 |
| CMYK | 0.50, 0.13, 0.00, 0.14 |
| HSL | 195°, 60%, 65% |
| HSV | 195°, 50%, 86% |
| XYZ | 37.8474, 45.6911, 73.8423 |
| YIQ | 169.9730, -57.2640, -8.4640 |

Conversions

Conversions Part 2

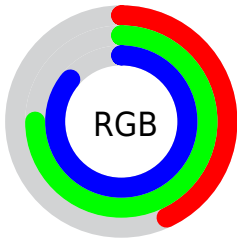
| Format | Color |
|-------------------------------------|---|
| RYB | 110, 156, 219 |
| Decimal | 7258075 |
| CIELab | 73.34, -17.26, -21.67 |
| CIELCh | 73, 27.705, 231.472 |
| Yxy | 45.6911, 0.2405, 0.2903 |
| Android (android.graphics.Color) | 4285448155 (0xFF6EBFDB) |
| YUV | 169.9730, 24.1703, -52.5963 |
| Hunter-Lab | 67.5952, -18.3471, -17.4530 |

Details

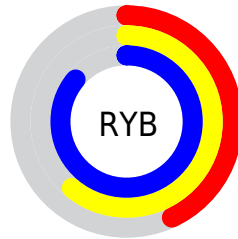
The Hex color **6EBFDB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DB8A6E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A7F7FF**, and **3189A4** is the 20% darker color. If you saturate the color by 10%, you get **58B9DB**, and if you desaturate by 10%, it is **84C5DB**.

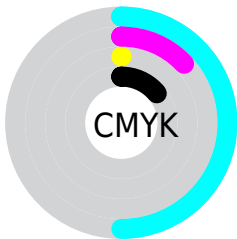
Distribution



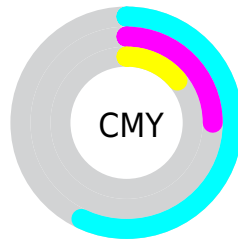
- Red (43%)
- Green (75%)
- Blue (86%)



- Red (43%)
- Yellow (61%)
- Blue (86%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (57%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 6EBFDB

 6EBFDB

FFFFFF

 51A4BF

 A7F7FF

 3189A4

 C5FFFF

 00708A

 E2FFFF

 005770

 004058

 002A40

 00162A

 000115

 000000

6EBFDB

6EBFDB

58B9DB

84C5DB

42B4DB

9ACADB

2CAEDB

B0D0DB

16A8DB

C6D6DB

01A3DB

DCBDB

00A3DB

F1E1DB

FFE6DB

FFECDB

FFF2DB

Harmonies

Analogous

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



69C2C6



6EBFDB



8AB9E6

Triad

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



6EBFDB



E2A2BC



B3B885

Complementary

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



6EBFDB



DB8A6E

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.



CDB082



6EBFDB



E8A2A3

Square

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



6EBFDB



CEA8D4



E0A88D



96BE94

Rectangle

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



6EBFDB



A2B3E6



E0A88D



BDB682

Sweetspot

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



6EBFDB



D9F5FF



6EDB89



697A80



000000



808080

Same Dimension

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



6EBFDB



66D8FF



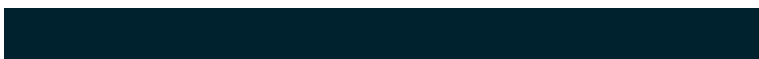
6E89DB



636B6E



0081AD



00222E

Inverse Universe

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



DB6EBF



FF66D8



DBC06E



6E636B



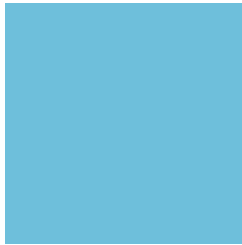
AD0081



2E0022

Previews

White Background



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

Color Contrast Check

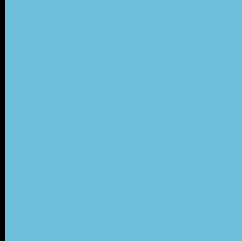
Large Text (above 18pt) WCAG AA × Fail

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 6EBFDB 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 6EBFDB Background



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



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

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](#).

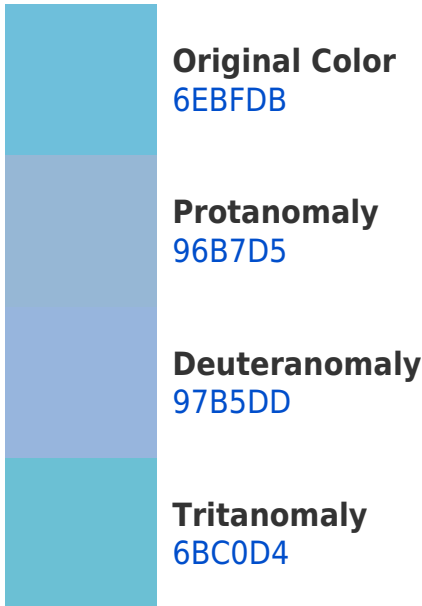
Dichromacy



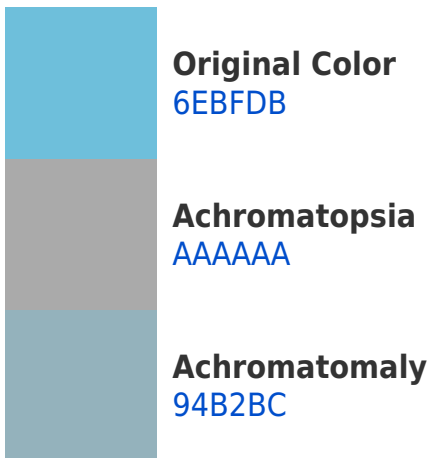


Tritanopia
6AC1D0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6EBFDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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