

Converting Colors

Hex(66B6ED)

Have a look what the booklet for
Hex(66B6ED) contains.

Hex(66B6ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66B6ED)

Conversions

Conversions Part 1

Format	Color
Hex	66B6ED
RGB	102, 182, 237
RGB Percent	40%, 71%, 93%
CMY	0.6000, 0.2863, 0.0706
CMYK	0.57, 0.23, 0.00, 0.07
HSL	204°, 79%, 66%
HSV	204°, 57%, 93%
XYZ	37.4935, 42.3951, 86.3277
YIQ	164.3500, -65.3350, 0.1450

Conversions

Conversions Part 2

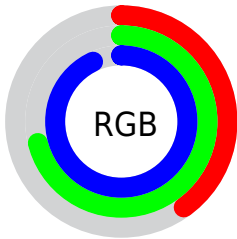
Format	Color
RYB	102, 152, 237
Decimal	6731501
CIELab	71.14, -8.92, -34.86
CIELCh	71, 35.985, 255.655
Yxy	42.3951, 0.2256, 0.2551
Android (android.graphics.Color)	4284921581 (0xFF66B6ED)
YUV	164.3500, 35.8165, -54.6809
Hunter-Lab	65.1115, -11.1586, -33.0312

Details

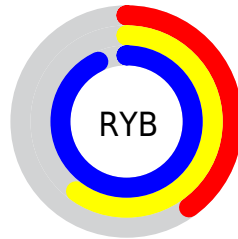
The Hex color **66B6ED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ED9D66**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A2EEFF**, and **1F81B5** is the 20% darker color. If you saturate the color by 10%, you get **4EACED**, and if you desaturate by 10%, it is **7EC0ED**.

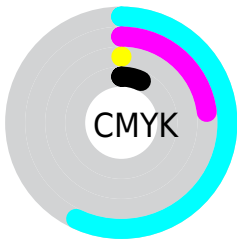
Distribution



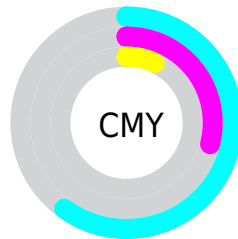
- Red (40%)
- Green (71%)
- Blue (93%)



- Red (40%)
- Yellow (60%)
- Blue (93%)



- Cyan (57%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)



- Cyan (60%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B6ED 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 66B6ED by changing the saturation by 10% instead.

■ 66B6ED

■ 66B6ED

FFFFFF

■ 469BD1

■ A2EEFF

■ 1F81B5

■ BFFFFFF

■ 00689A

■ DDFFFF

■ 005080

■ FBFFFF

■ 003966

■ 00244E

■ 000D37

■ 000221

■ 000006

■ 66B6ED

■ 66B6ED

■ 4EACED

■ 7EC0ED

■ 37A3ED

■ 95C9ED

■ 1F99ED

■ ADD3ED

■ 078FED

■ C5DDED

■ 008CED

■ DCE6ED

■ F4F0ED

■ FFFAED

■ FFFFED

Harmonies

Analogous

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



38BDDC



66B6ED



9BABED

Triad

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



66B6ED



EF959E



8EBA7F

Complementary

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



66B6ED



ED9D66

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.



B3B26E



66B6ED



E89C81

Square

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



66B6ED



E497BF



D2A76F



66BF9D

Rectangle

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



66B6ED



BAA3E3



D2A76F



9BB878

Sweetspot

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



66B6ED



D4EDFF



66ED9C



667580



000000



808080

Same Dimension

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



66B6ED



52B8FF



6673ED



6A7175



006BB5



002036

Inverse Universe

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



ED66B6



FF52B8



EDDF66



756A71



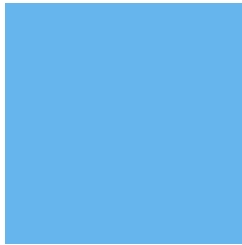
B5006B



360020

Previews

White Background



This preview shows how the Hex color 66B6ED looks on a white background.

Color Contrast Check

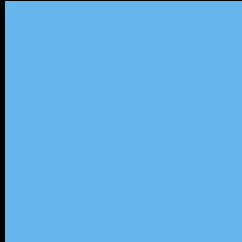
Large Text (above 18pt) WCAG AA × Fail

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 66B6ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

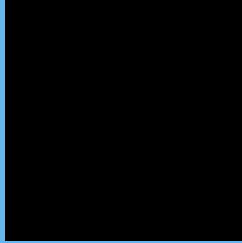
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

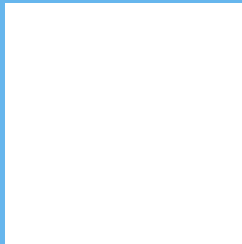
Any Text WCAG AAA ✓ Pass

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

Hex 66B6ED Background



This preview shows how black text looks on a background with the Hex color 66B6ED.

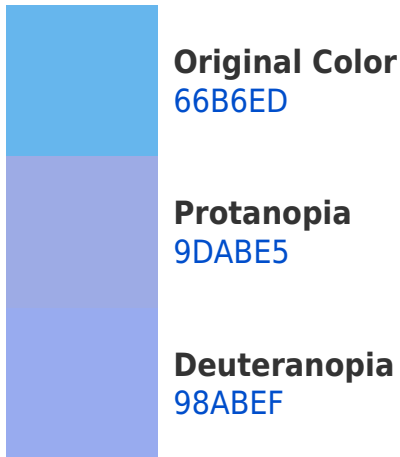


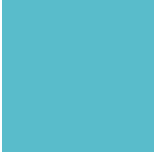
This preview shows how white text looks on a background with the Hex color 66B6ED.

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](#).

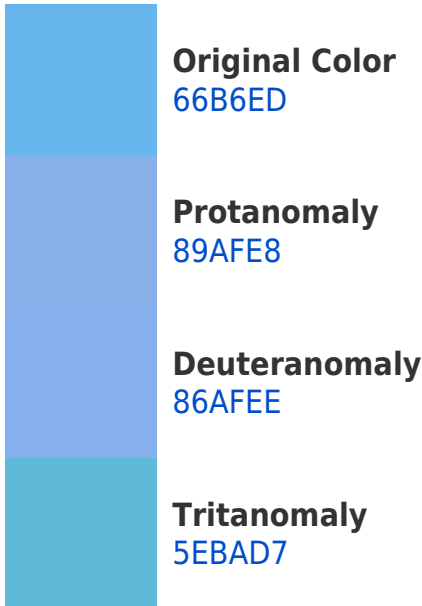
Dichromacy



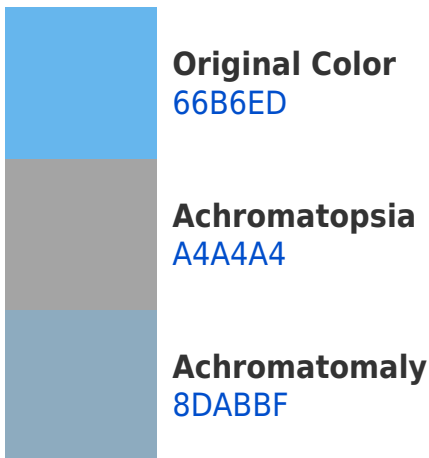


Tritanopia
59BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B6ED 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 #66B6ED looks like.

```
.text, #text, p{  
    color:#66B6ED  
}
```

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 #66B6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B6ED
}
```

Border

The CSS property to change the border of an element to Hex 66B6ED 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
#66B6ED }
```

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

```
.border{ border-color:#66B6ED }
```

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

Here you see how a box with a 4 pixel #66B6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B6ED; -webkit-box-shadow:4px 4px  
4px 4px #66B6ED; box-shadow:4px 4px 4px  
4px #66B6ED }
```

Background

The CSS property to change the background color of an element to Hex 66B6ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B6ED }
```

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

```
.background{ background-color:#66B6ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor