

# Converting Colors

Hex(6AB7ED)

Have a look what the booklet for  
Hex(6AB7ED) contains.

<b>Hex(6AB7ED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6AB7ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AB7ED
RGB	106, 183, 237
RGB Percent	42%, 72%, 93%
CMY	0.5843, 0.2824, 0.0706
CMYK	0.55, 0.23, 0.00, 0.07
HSL	205°, 78%, 67%
HSV	205°, 55%, 93%
XYZ	38.1634, 43.0456, 86.4180
YIQ	166.1330, -63.2260, 0.4700

# Conversions

## Conversions Part 2

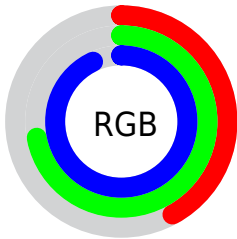
Format	Color
R <sub>Y</sub> B	106, 154, 237
Decimal	6993901
CIE Lab	71.59, -8.66, -34.16
CIE LCh	72, 35.242, 255.782
Yxy	43.0456, 0.2277, 0.2568
Android (android.graphics.Color)	4285183981 (0xFF6AB7ED)
YUV	166.1330, 34.9374, -52.7366
Hunter-Lab	65.6091, -10.9864, -32.1683

# Details

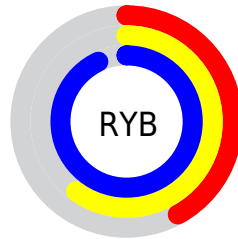
The Hex color **6AB7ED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EDA06A**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A5EFFF**, and **2782B5** is the 20% darker color. If you saturate the color by 10%, you get **52ADED**, and if you desaturate by 10%, it is **82C1ED**.

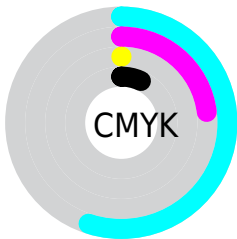
# Distribution



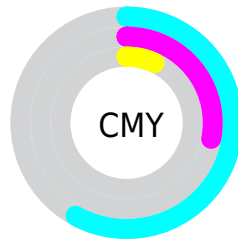
- Red (42%)
- Green (72%)
- Blue (93%)



- Red (42%)
- Yellow (60%)
- Blue (93%)



- Cyan (55%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)



- Cyan (58%)
- Magenta (28%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6AB7ED 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 6AB7ED by changing the saturation by 10% instead.



 6AB7ED

 6AB7ED

FFFFFF

 4B9CD1

 A5EFFF

 2782B5

 C3FFFF


 00699A

 E0FFFF

 005180

 003A66

 00254E

 000F37

 000221

 000006

■ 6AB7ED

■ 6AB7ED

■ 52ADED

■ 82C1ED

■ 3BA3ED

■ 99CBED

■ 239AED

■ B1D4ED

■ 0B90ED

■ C9DEED

■ 008BED

■ E1E8ED

■ F8F2ED

■ FFFBED

■ FFFFED

# Harmonies

## Analogous

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



3FBEDC



6AB7ED



9DADED

# Triad

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



6AB7ED



EF979F



90BB82

# Complementary

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



6AB7ED



EDA06A

# 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.



B4B371



6AB7ED



E89E83

# Square

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



6AB7ED



E599C0



D3A871



69C09F

# Rectangle

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



6AB7ED



BCA5E4



D3A871



9CB97A

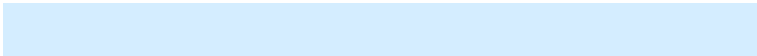


# Sweetspot

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



6AB7ED



D4EDFF



6AED9E



667580



000000



808080



# Same Dimension

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



6AB7ED



57BAFF



6A77ED



6A7075



006AB5



001F36



# Inverse Universe

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



ED6AB7



FF57BA



EDE06A



756A70



B5006A

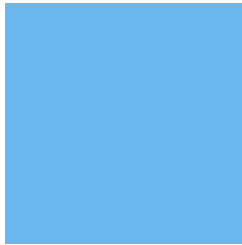


36001F



# Previews

## White Background



This preview shows how the Hex color 6AB7ED looks on a white background.

## Color Contrast Check

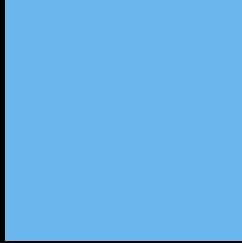
Large Text (above 18pt) WCAG AA × Fail

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 6AB7ED 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

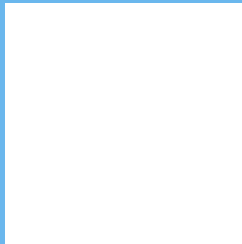
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6AB7ED Background



This preview shows how black text looks on a background with the Hex color 6AB7ED.

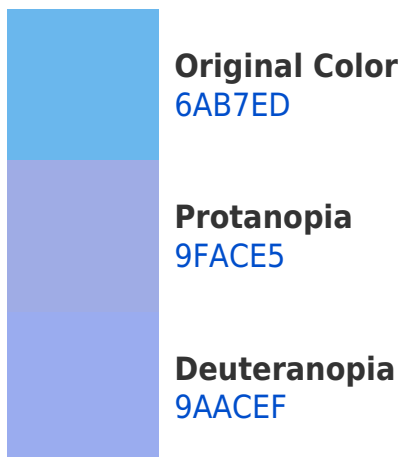


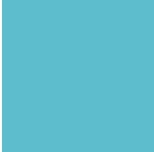
This preview shows how white text looks on a background with the Hex color 6AB7ED.

# Color Blindness Simulation

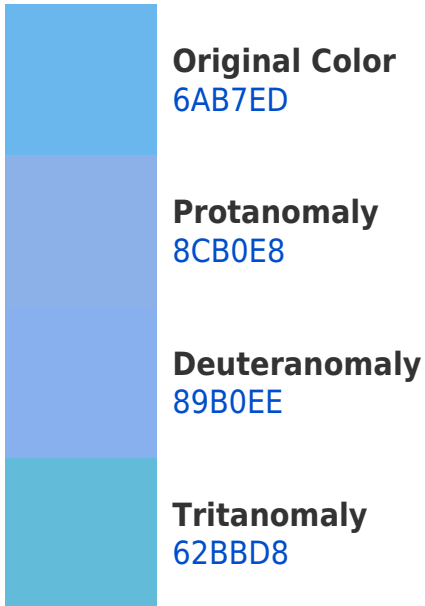
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

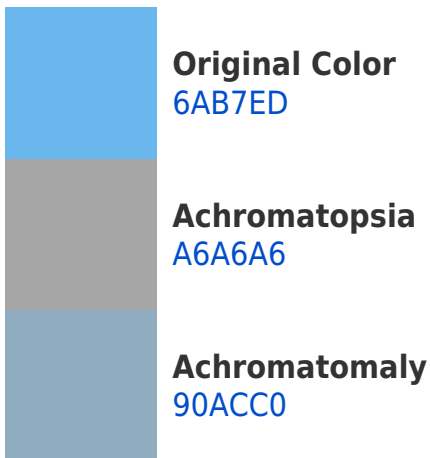




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6AB7ED 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 #6AB7ED looks like.

```
.text, #text, p{  
    color:#6AB7ED  
}
```

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 #6AB7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB7ED
}
```

## Border

The CSS property to change the border of an element to Hex 6AB7ED 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
#6AB7ED }
```

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

```
.border{ border-color:#6AB7ED }
```

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

Here you see how a box with a 4 pixel #6AB7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB7ED; -webkit-box-shadow:4px 4px  
4px 4px #6AB7ED; box-shadow:4px 4px 4px  
4px #6AB7ED }
```

# Background

The CSS property to change the background color of an element to Hex 6AB7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB7ED }
```

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

```
.background{ background-color:#6AB7ED }
```

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