

Converting Colors

Hex(6AB3EA)

Have a look what the booklet for
Hex(6AB3EA) contains.

Hex(6AB3EA)	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(6AB3EA)

Conversions

Conversions Part 1

Format	Color
Hex	6AB3EA
RGB	106, 179, 234
RGB Percent	42%, 70%, 92%
CMY	0.5843, 0.2980, 0.0824
CMYK	0.55, 0.24, 0.00, 0.08
HSL	206°, 75%, 67%
HSV	206°, 55%, 92%
XYZ	36.9152, 41.2449, 83.8573
YIQ	163.4430, -61.1630, 1.6290

Conversions

Conversions Part 2

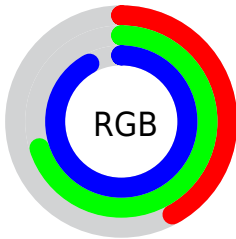
Format	Color
R _Y B	106, 152, 234
Decimal	6992874
CIE Lab	70.35, -7.38, -34.45
CIE LCh	70, 35.234, 257.905
Yxy	41.2449, 0.2278, 0.2546
Android (android.graphics.Color)	4285182954 (0xFF6AB3EA)
YUV	163.4430, 34.7846, -50.3775
Hunter-Lab	64.2222, -9.7861, -32.4617

Details

The Hex color **6AB3EA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EAA16A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A5EBFF**, and **287EB2** is the 20% darker color. If you saturate the color by 10%, you get **53A9EA**, and if you desaturate by 10%, it is **81BDEA**.

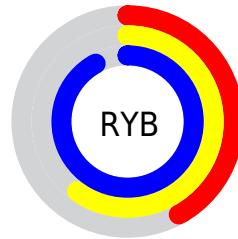
Distribution



Red (42%)

Green (70%)

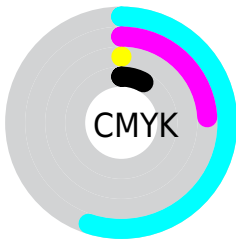
Blue (92%)



Red (42%)

Yellow (60%)

Blue (92%)

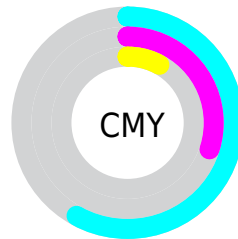


Cyan (55%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (30%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AB3EA 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 6AB3EA by changing the saturation by 10% instead.

 6AB3EA

 6AB3EA

FFFFFF

 4B98CE

 A5EBFF

 287EB2

 C2FFFF

 006697

 E0FFFF

 004E7D

FEFFFF

 003764

 00224C

 000735

 00021F

 000001

■ 6AB3EA

■ 6AB3EA

■ 53A9EA

■ 81BDEA

■ 3B9FEA

■ 99C7EA

■ 2495EA

■ B0D1EA

■ 0C8BEA

■ C8DBEA

■ 0085EA

■ DFE5EA

■ F6EFEA

■ FFF9EA

■ FFFFEA

Harmonies

Analogous

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



3CBADB



6AB3EA



9DA8E9

Triad

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



6AB3EA



EB949A



8AB880

Complementary

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



6AB3EA



EAA16A

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.



AEB06E



6AB3EA



E39B7E

Square

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



6AB3EA



E295BA



CDA66E



62BC9E

Rectangle

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



6AB3EA



BBA1DF



CDA66E



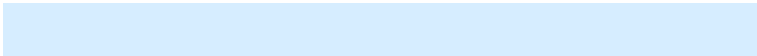
96B678

Sweetspot

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



6AB3EA



D6EDFF



6AEA9F



677580



000000



808080

Same Dimension

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



6AB3EA



57B7FF



6A75EA



6A7075



0067B5



001F36

Inverse Universe

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



EA6AB3



FF57B7



EADF6A



756A70



B50067



36001F

Previews

White Background



This preview shows how the Hex color 6AB3EA looks on a white background.

Color Contrast Check

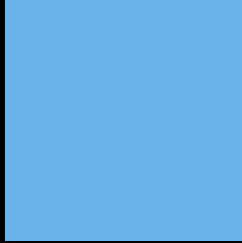
Large Text (above 18pt) WCAG AA × Fail

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 6AB3EA 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

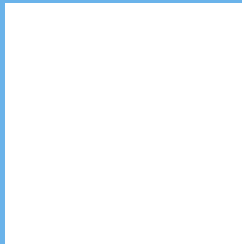
Any Text WCAG AAA ✓ Pass

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

Hex 6AB3EA Background



This preview shows how black text looks on a background with the Hex color 6AB3EA.

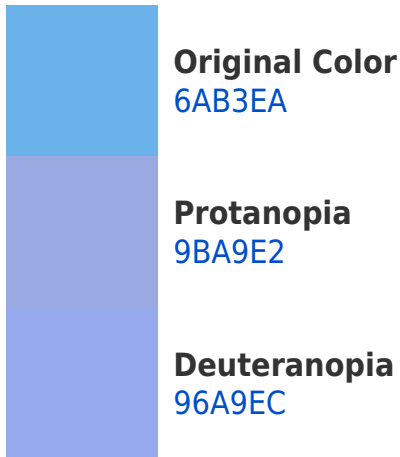


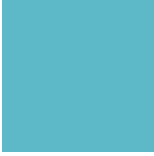
This preview shows how white text looks on a background with the Hex color 6AB3EA.

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](#).

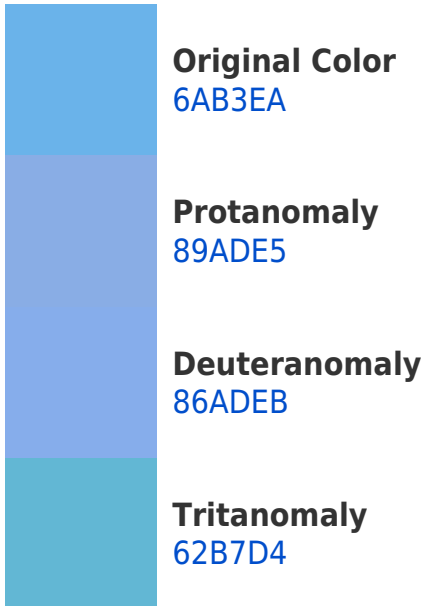
Dichromacy



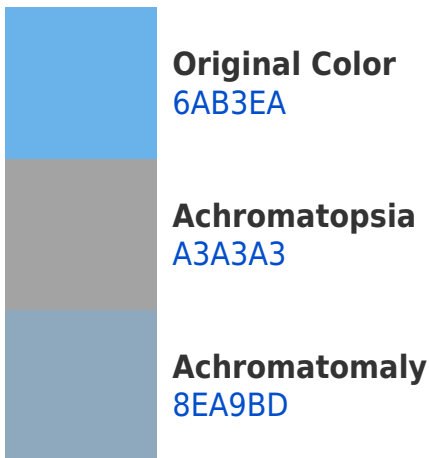


Tritanopia
5DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AB3EA 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 #6AB3EA looks like.

```
.text, #text, p{  
    color:#6AB3EA  
}
```

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 #6AB3EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AB3EA
}
```

Border

The CSS property to change the border of an element to Hex 6AB3EA 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
#6AB3EA }
```

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

```
.border{ border-color:#6AB3EA }
```

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

Here you see how a box with a 4 pixel #6AB3EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AB3EA; -webkit-box-shadow:4px 4px  
4px 4px #6AB3EA; box-shadow:4px 4px 4px  
4px #6AB3EA }
```

Background

The CSS property to change the background color of an element to Hex 6AB3EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AB3EA }
```

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

```
.background{ background-color:#6AB3EA }
```

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