

Converting Colors

Hex(6BD7EA)

Have a look what the booklet for
Hex(6BD7EA) contains.

Hex(6BD7EA)	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(6BD7EA)

Conversions

Conversions Part 1

Format	Color
Hex	6BD7EA
RGB	107, 215, 234
RGB Percent	42%, 84%, 92%
CMY	0.5804, 0.1569, 0.0824
CMYK	0.54, 0.08, 0.00, 0.08
HSL	189°, 75%, 67%
HSV	189°, 54%, 92%
XYZ	45.2151, 57.6672, 86.5897
YIQ	184.8740, -70.4670, -16.9870

Conversions

Conversions Part 2

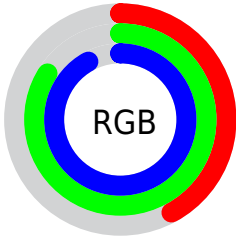
Format	Color
R _{YB}	107, 165, 234
Decimal	7067626
CIE Lab	80.55, -25.86, -18.82
CIE LCh	81, 31.986, 216.051
Yxy	57.6672, 0.2386, 0.3044
Android (android.graphics.Color)	4285257706 (0xFF6BD7EA)
YUV	184.8740, 24.2191, -68.2955
Hunter-Lab	75.9389, -26.6116, -14.4485

Details

The Hex color **6BD7EA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EA7E6B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A7FFFF**, and **25A0B2** is the 20% darker color. If you saturate the color by 10%, you get **54D3EA**, and if you desaturate by 10%, it is **82DBEA**.

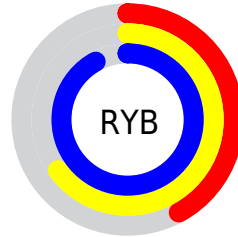
Distribution



Red (42%)

Green (84%)

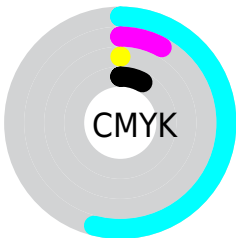
Blue (92%)



Red (42%)

Yellow (65%)

Blue (92%)

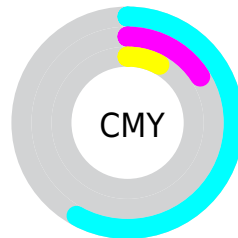


Cyan (54%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD7EA 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 6BD7EA by changing the saturation by 10% instead.

 6BD7EA

 6BD7EA

FFFFFF

 4BBBCE

 A7FFFF

 25A0B2

 C5FFFF

 008698

 E3FFFF

 006C7E

 005365

 003C4D

 002636

 000621

 000006

6BD7EA

6BD7EA

54D3EA

82DBEA

3CD0EA

9ADEEA

25CCEA

B1E2EA

0DC9EA

C9E5EA

00C7EA

E0E9EA

F7ECEA

FFF0EA

FFF3EA

FFF7EA

Harmonies

Analogous

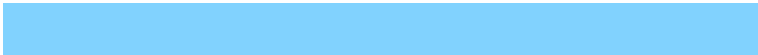
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76D9CD



6BD7EA



81D2FE

Triad

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



6BD7EA



F3B5E1



D7C88C

Complementary

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



6BD7EA



EA7E6B

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.



F2BE92



6BD7EA



FFB2C3

Square

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



6BD7EA



D4BEF8



FFB5A6



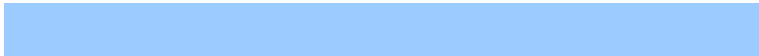
B7D197

Rectangle

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



6BD7EA



9CCCFE



FFB5A6



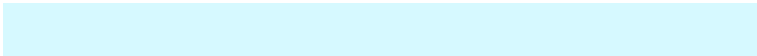
E1C58C

Sweetspot

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



6BD7EA



D6F9FF



6BEA7C



677C80



000000



808080

Same Dimension

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



6BD7EA



59E6FF



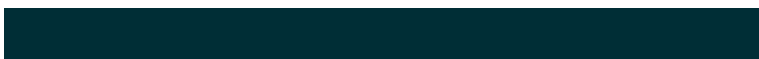
6B9AEA



6A7475



009AB5



002E36

Inverse Universe

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



EA6BD7



FF59E6



EABB6B



756A74



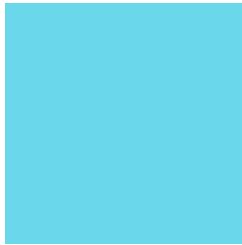
B5009A



36002E

Previews

White Background



This preview shows how the Hex color 6BD7EA looks on a white background.

Color Contrast Check

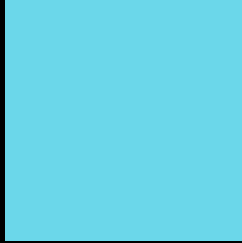
Large Text (above 18pt) WCAG AA × Fail

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 6BD7EA 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 6BD7EA Background



This preview shows how black text looks on a background with the Hex color 6BD7EA.

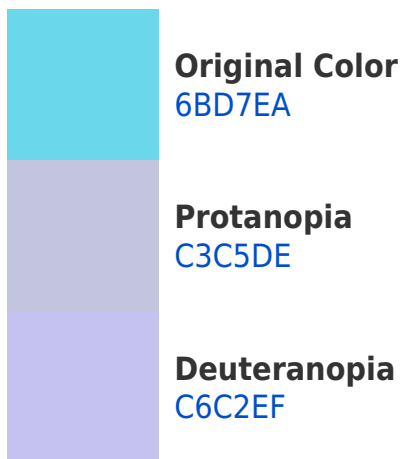


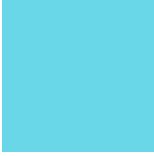
This preview shows how white text looks on a background with the Hex color 6BD7EA.

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](#).

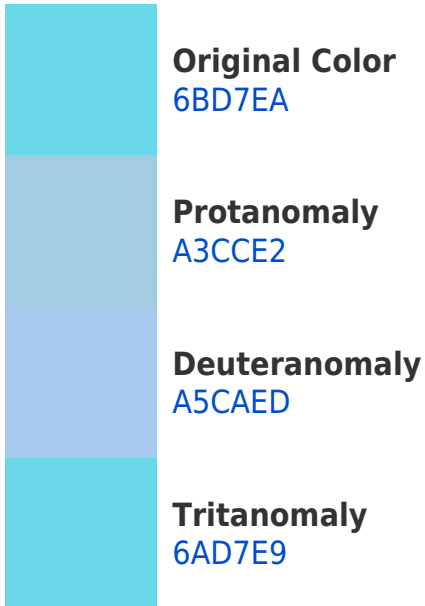
Dichromacy





Tritanopia
6AD7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD7EA 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 #6BD7EA looks like.

```
.text, #text, p{  
    color:#6BD7EA  
}
```

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 #6BD7EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD7EA
}
```

Border

The CSS property to change the border of an element to Hex 6BD7EA 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
#6BD7EA }
```

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

```
.border{ border-color:#6BD7EA }
```

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

Here you see how a box with a 4 pixel #6BD7EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD7EA; -webkit-box-shadow:4px 4px  
4px 4px #6BD7EA; box-shadow:4px 4px 4px  
4px #6BD7EA }
```

Background

The CSS property to change the background color of an element to Hex 6BD7EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD7EA }
```

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

```
.background{ background-color:#6BD7EA }
```

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