

Converting Colors

Hex(6CB7E3)

Have a look what the booklet for
Hex(6CB7E3) contains.

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Color

Hex(6CB7E3)

Conversions

Conversions Part 1

Format	Color
Hex	6CB7E3
RGB	108, 183, 227
RGB Percent	42%, 72%, 89%
CMY	0.5765, 0.2824, 0.1098
CMYK	0.52, 0.19, 0.00, 0.11
HSL	202°, 68%, 66%
HSV	202°, 52%, 89%
XYZ	36.9830, 42.6012, 78.9467
YIQ	165.5910, -58.8240, -2.2160

Conversions

Conversions Part 2

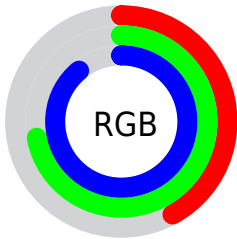
Format	Color
RYB	108, 154, 227
Decimal	7124963
CIELab	71.28, -11.20, -29.19
CIELCh	71, 31.260, 249.014
Yxy	42.6012, 0.2333, 0.2687
Android (android.graphics.Color)	4285315043 (0xFF6CB7E3)
YUV	165.5910, 30.2746, -50.5073
Hunter-Lab	65.2696, -13.0803, -26.0254

Details

The Hex color **6CB7E3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E3986C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A6EFFF**, and **2D82AB** is the 20% darker color. If you saturate the color by 10%, you get **55AFE3**, and if you desaturate by 10%, it is **83BFE3**.

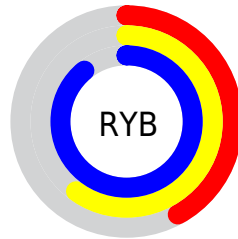
Distribution



Red (42%)

Green (72%)

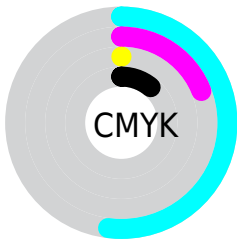
Blue (89%)



Red (42%)

Yellow (60%)

Blue (89%)

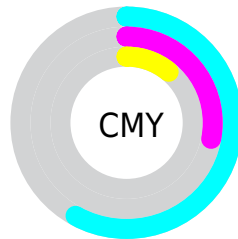


Cyan (52%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (58%)

Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB7E3 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 6CB7E3 by changing the saturation by 10% instead.

 6CB7E3

 6CB7E3

FFFFFF

 4E9CC7

 A6EFFF

 2D82AB

 C3FFFF

 006991

 E1FFFF

 005177

 003A5E

 002446

 000C30

 00011A

 000000

■ 6CB7E3

■ 6CB7E3

■ 55AFE3

■ 83BFE3

■ 3FA6E3

■ 99C8E3

■ 289EE3

■ B0D0E3

■ 1195E3

■ C7D9E3

■ 008FE3

■ DEE1E3

■ F4E9E3

■ FFF2E3

■ FFFAE3

■ FFFF E3

Harmonies

Analogous

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



52BCD1



6CB7E3



96AEE6

Triad

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



6CB7E3



E799A7



9BB882

Complementary

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



6CB7E3



E3986C

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.



BAB076



6CB7E3



E49D8C

Square

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



6CB7E3



DA9CC4



D4A67A



79BD99

Rectangle

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



6CB7E3



B1A8E0



D4A67A



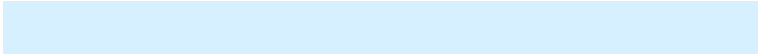
A5B57C

Sweetspot

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



6CB7E3



D6F0FF



6CE398



677780



000000



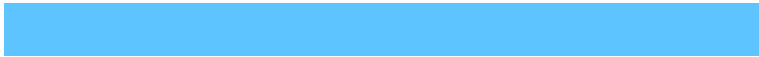
808080

Same Dimension

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



6CB7E3



5EC4FF



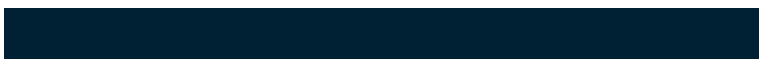
6C7CE3



676F73



0070B3



002033

Inverse Universe

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



E36CB7



FF5EC4



E3D36C



73676F



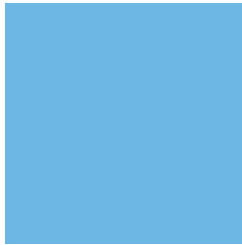
B30070



330020

Previews

White Background



This preview shows how the Hex color 6CB7E3 looks on a white background.

Color Contrast Check

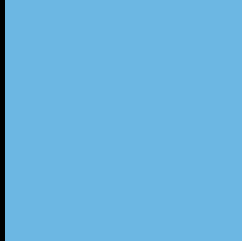
Large Text (above 18pt) WCAG AA × Fail

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 6CB7E3 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

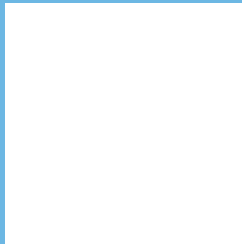
Any Text WCAG AAA ✓ Pass

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

Hex 6CB7E3 Background



This preview shows how black text looks on a background with the Hex color 6CB7E3.

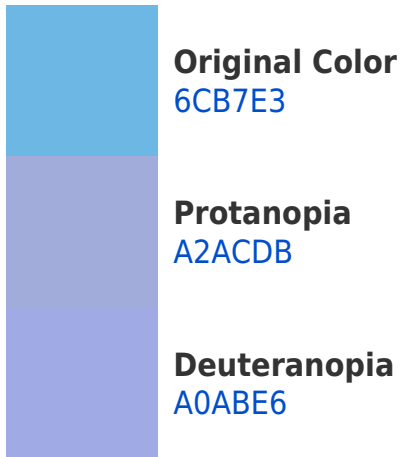


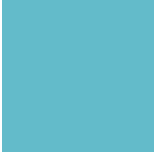
This preview shows how white text looks on a background with the Hex color 6CB7E3.

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



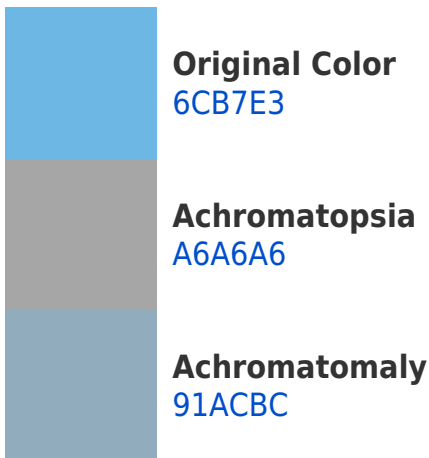


Tritanopia
63BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB7E3 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 #6CB7E3 looks like.

```
.text, #text, p{  
    color:#6CB7E3  
}
```

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 #6CB7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB7E3
}
```

Border

The CSS property to change the border of an element to Hex 6CB7E3 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
#6CB7E3 }
```

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

```
.border{ border-color:#6CB7E3 }
```

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

Here you see how a box with a 4 pixel #6CB7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB7E3; -webkit-box-shadow:4px 4px  
4px 4px #6CB7E3; box-shadow:4px 4px 4px  
4px #6CB7E3 }
```

Background

The CSS property to change the background color of an element to Hex 6CB7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB7E3 }
```

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

```
.background{ background-color:#6CB7E3 }
```

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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