

Converting Colors

Hex(6CB8D2)

Have a look what the booklet for
Hex(6CB8D2) contains.

Hex(6CB8D2)	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(6CB8D2)

Conversions

Conversions Part 1

Format	Color
Hex	6CB8D2
RGB	108, 184, 210
RGB Percent	42%, 72%, 82%
CMY	0.5765, 0.2784, 0.1765
CMYK	0.49, 0.12, 0.00, 0.18
HSL	195°, 53%, 62%
HSV	195°, 49%, 82%
XYZ	34.9577, 42.1223, 67.2607
YIQ	164.2400, -53.6420, -8.0260

Conversions

Conversions Part 2

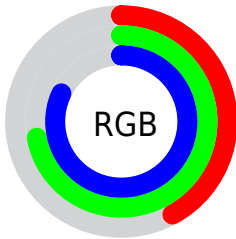
Format	Color
RYB	108, 152, 210
Decimal	7125202
CIELab	70.96, -16.57, -20.41
CIElCh	71, 26.288, 230.930
Yxy	42.1223, 0.2422, 0.2918
Android (android.graphics.Color)	4285315282 (0xFF6CB8D2)
YUV	164.2400, 22.5597, -49.3225
Hunter-Lab	64.9017, -17.4333, -16.0139

Details

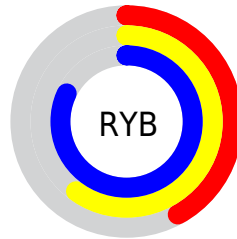
The Hex color **6CB8D2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D2866C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A5F0FF**, and **31839B** is the 20% darker color. If you saturate the color by 10%, you get **57B3D2**, and if you desaturate by 10%, it is **81BDD2**.

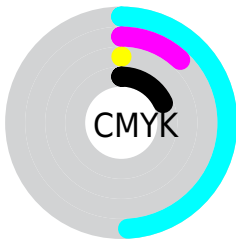
Distribution



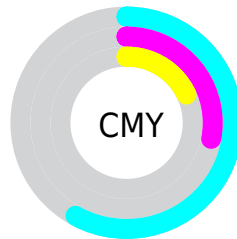
- Red (42%)
- Green (72%)
- Blue (82%)



- Red (42%)
- Yellow (60%)
- Blue (82%)



- Cyan (49%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CB8D2 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 6CB8D2 by changing the saturation by 10% instead.

 6CB8D2

 6CB8D2

FFFFFF

 4F9DB6

 A5F0FF

 31839B

 C2FFFF

 016A81

 DFFFFF

 005168

FDFFFF

 003A50

 002439

 000924

 00000C

 000000

■ 6CB8D2

■ 6CB8D2

■ 57B3D2

■ 81BDD2

■ 42ADD2

■ 96C3D2

■ 2DA8D2

■ ABC8D2

■ 18A3D2

■ C0CDD2

■ 039DD2

■ D5D3D2

■ 009CD2

■ EAD8D2

■ FFDDD2

■ FFE3D2

■ FFE8D2

Harmonies

Analogous

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



67BBBE



6CB8D2



86B2DC

Triad

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



6CB8D2



D99DB6



AEB181

Complementary

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



6CB8D2



D2866C

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.



C6AA7F



6CB8D2



DE9D9E

Square

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



6CB8D2



C5A2CC



D7A289



92B78F

Rectangle

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



6CB8D2



9CADDC



D7A289



B6AF7F

Sweetspot

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



6CB8D2



D9F5FF



6CD285



697A80



000000



808080

Same Dimension

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



6CB8D2



6BD9FF



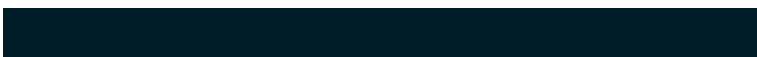
6C85D2



5E6669



007DA8



001E29

Inverse Universe

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



D26CB8



FF6BD9



D2B96C



695E66



A8007D



29001E

Previews

White Background



This preview shows how the Hex color 6CB8D2 looks on a white background.

Color Contrast Check

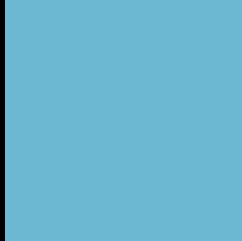
Large Text (above 18pt) WCAG AA × Fail

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 6CB8D2 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 6CB8D2 Background



This preview shows how black text looks on a background with the Hex color 6CB8D2.

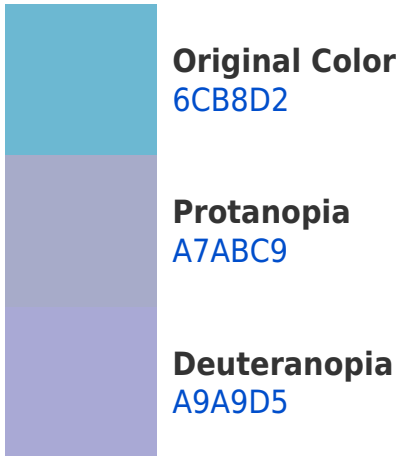


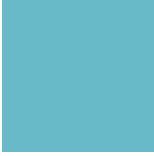
This preview shows how white text looks on a background with the Hex color 6CB8D2.

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](#).

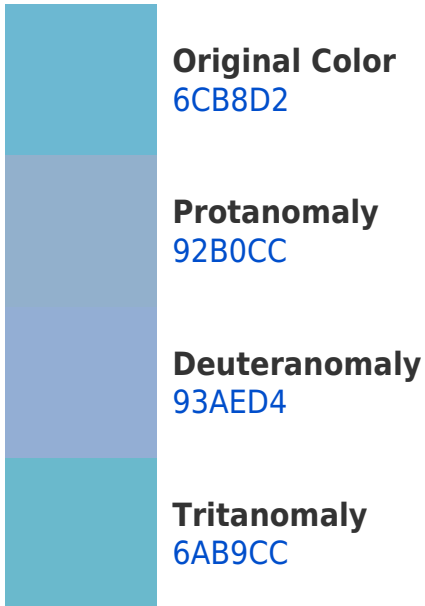
Dichromacy



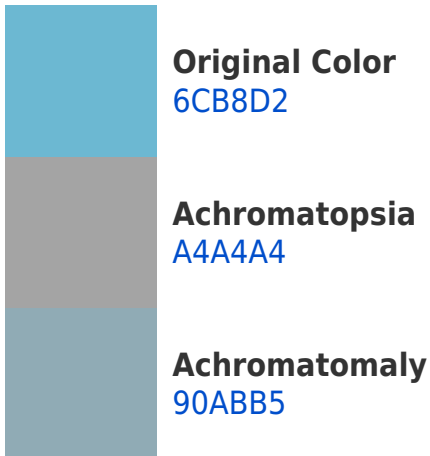


Tritanopia
69BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CB8D2 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 #6CB8D2 looks like.

```
.text, #text, p{  
    color:#6CB8D2  
}
```

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 #6CB8D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CB8D2
}
```

Border

The CSS property to change the border of an element to Hex 6CB8D2 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
#6CB8D2 }
```

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

```
.border{ border-color:#6CB8D2 }
```

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

Here you see how a box with a 4 pixel #6CB8D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CB8D2; -webkit-box-shadow:4px 4px  
4px 4px #6CB8D2; box-shadow:4px 4px 4px  
4px #6CB8D2 }
```

Background

The CSS property to change the background color of an element to Hex 6CB8D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CB8D2 }
```

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

```
.background{ background-color:#6CB8D2 }
```

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