

Converting Colors

Hex(7CB2D6)

Have a look what the booklet for
Hex(7CB2D6) contains.

Hex(7CB2D6)	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(7CB2D6)

Conversions

Conversions Part 1

Format	Color
Hex	7CB2D6
RGB	124, 178, 214
RGB Percent	49%, 70%, 84%
CMY	0.5137, 0.3020, 0.1608
CMYK	0.42, 0.17, 0.00, 0.16
HSL	204°, 52%, 66%
HSV	204°, 42%, 84%
XYZ	36.3702, 40.9809, 69.6115
YIQ	165.9580, -43.7400, -0.2520

Conversions

Conversions Part 2

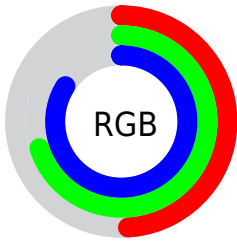
Format	Color
RYB	124, 158, 214
Decimal	8172246
CIELab	70.16, -8.39, -23.74
CIELCh	70, 25.177, 250.532
Yxy	40.9809, 0.2475, 0.2789
Android (android.graphics.Color)	4286362326 (0xFF7CB2D6)
YUV	165.9580, 23.6847, -36.7972
Hunter-Lab	64.0163, -10.6158, -19.6607

Details

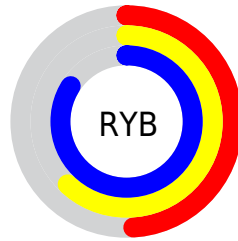
The Hex color **7CB2D6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D6A07C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B4EAFB**, and **457D9F** is the 20% darker color. If you saturate the color by 10%, you get **67A9D6**, and if you desaturate by 10%, it is **91BBD6**.

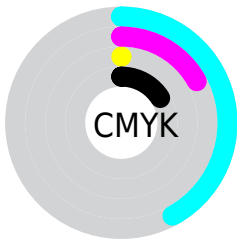
Distribution



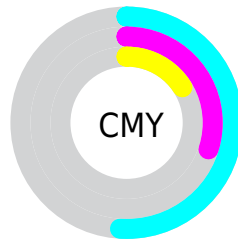
- Red (49%)
- Green (70%)
- Blue (84%)



- Red (49%)
- Yellow (62%)
- Blue (84%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7CB2D6 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 7CB2D6 by changing the saturation by 10% instead.

 7CB2D6

 7CB2D6

FFFFFF

 6197BA

 B4EAFF

 457D9F

 D0FFFF

 286485

 EEEFFF

 004D6C

 003653

 00213C

 000426

 000110

 000000

 7CB2D6

 7CB2D6

 67A9D6

 91BBD6

 51A1D6


 A7C3D6

 3C98D6

 BCCCD6

 2690D6

 D2D4D6

 1187D6

 E7DDD6

 0080D6

 FCE5D6

 FFEED6

 FFF6D6

 FFFFD6

Harmonies

Analogous

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



69B7C8



7CB2D6



9BABD8

Triad

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



7CB2D6



DA9BA4



9BB388

Complementary

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



7CB2D6



D6A07C

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.



B4AD7E



7CB2D6



D79E8F

Square

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



7CB2D6



D09DBB



CAA581



81B79C

Rectangle

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



7CB2D6



B0A6D3



CAA581



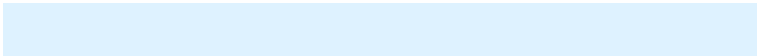
A3B184

Sweetspot

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



7CB2D6



DEF2FF



7CD6A0



6B7780



000000



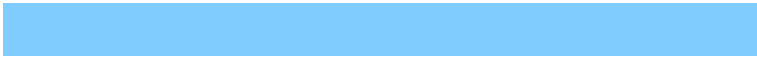
808080

Same Dimension

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



7CB2D6



80CCFF



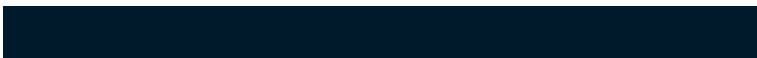
7C85D6



60676B



0067AB



001A2B

Inverse Universe

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



D67CB2



FF80CC



D6CD7C



6B6067



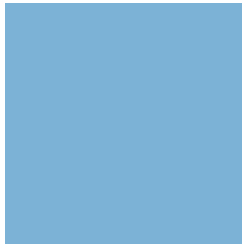
AB0067



2B001A

Previews

White Background



This preview shows how the Hex color 7CB2D6 looks on a white background.

Color Contrast Check

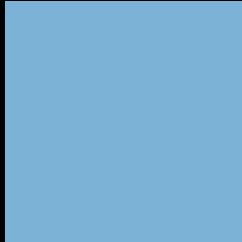
Large Text (above 18pt) WCAG AA × Fail

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 7CB2D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

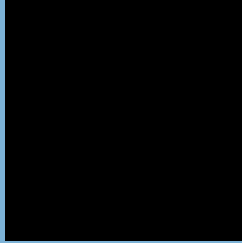
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

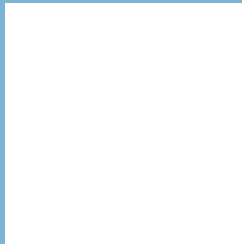
Any Text WCAG AAA ✓ Pass

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

Hex 7CB2D6 Background



This preview shows how black text looks on a background with the Hex color 7CB2D6.

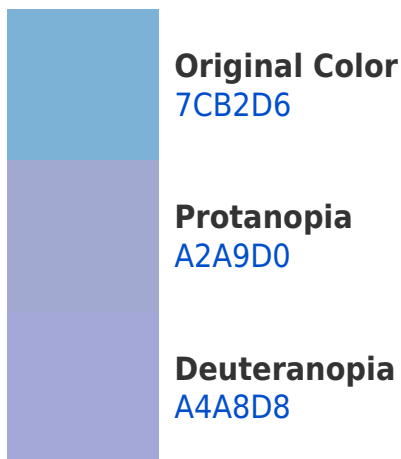


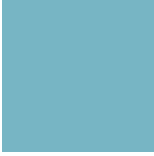
This preview shows how white text looks on a background with the Hex color 7CB2D6.

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](#).

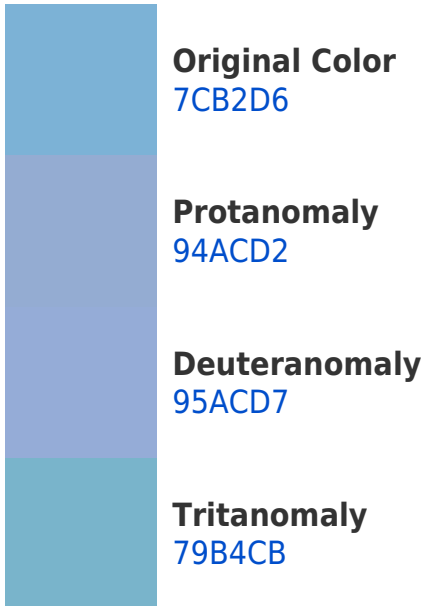
Dichromacy



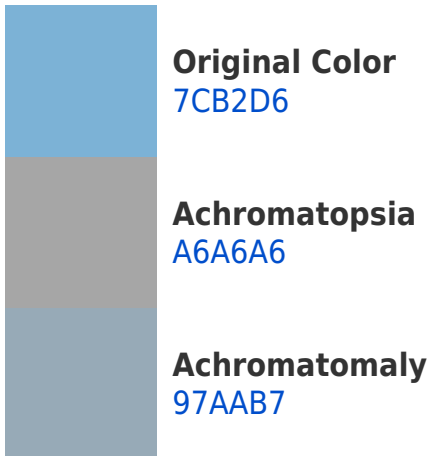


Tritanopia
77B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CB2D6 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 #7CB2D6 looks like.

```
.text, #text, p{  
    color:#7CB2D6  
}
```

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 #7CB2D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB2D6
}
```

Border

The CSS property to change the border of an element to Hex 7CB2D6 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
#7CB2D6 }
```

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

```
.border{ border-color:#7CB2D6 }
```

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

Here you see how a box with a 4 pixel #7CB2D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB2D6; -webkit-box-shadow:4px 4px  
4px 4px #7CB2D6; box-shadow:4px 4px 4px  
4px #7CB2D6 }
```

Background

The CSS property to change the background color of an element to Hex 7CB2D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB2D6 }
```

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

```
.background{ background-color:#7CB2D6 }
```

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