

Converting Colors

Hex(7DB6C7)

Have a look what the booklet for
Hex(7DB6C7) contains.

Hex(7DB6C7)	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(7DB6C7)

Conversions

Conversions Part 1

Format	Color
Hex	7DB6C7
RGB	125, 182, 199
RGB Percent	49%, 71%, 78%
CMY	0.5098, 0.2863, 0.2196
CMYK	0.37, 0.09, 0.00, 0.22
HSL	194°, 40%, 64%
HSV	194°, 37%, 78%
XYZ	35.4942, 41.9394, 60.2572
YIQ	166.8950, -39.4290, -6.7970

Conversions

Conversions Part 2

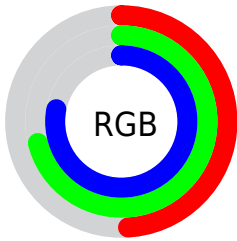
Format	Color
RYB	125, 157, 199
Decimal	8238791
CIELab	70.83, -14.20, -14.50
CIELCh	71, 20.295, 225.589
Yxy	41.9394, 0.2578, 0.3046
Android (android.graphics.Color)	4286428871 (0xFF7DB6C7)
YUV	166.8950, 15.8278, -36.7419
Hunter-Lab	64.7606, -15.4983, -9.8346

Details

The Hex color **7DB6C7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C78E7D**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B4EEFF**, and **488191** is the 20% darker color. If you saturate the color by 10%, you get **69B1C7**, and if you desaturate by 10%, it is **91BBC7**.

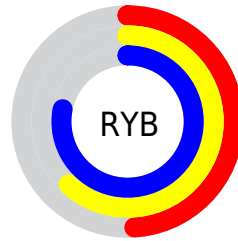
Distribution



Red (49%)

Green (71%)

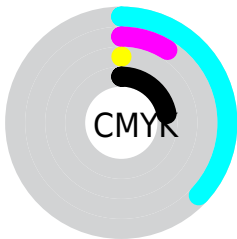
Blue (78%)



Red (49%)

Yellow (62%)

Blue (78%)

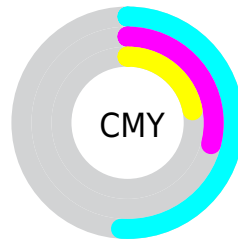


Cyan (37%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (51%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DB6C7 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 7DB6C7 by changing the saturation by 10% instead.

 7DB6C7

 7DB6C7

FFFFFF

 629BAC

 B4EEFF

 488191

 D1FFFF

 2C6877

 EDFFFF

 0A505F

 003947

 002331

 00071C

 000000

 7DB6C7

 7DB6C7

69B1C7

91BBC7

55ADC7

A5BFC7

41A8C7

B9C4C7

2DA4C7

CDC8C7

199FC7

E1CDC7

069BC7

F4D1C7

0099C7

FFD6C7

FFDBC7

FFDFC7

Harmonies

Analogous

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



7CB8B7



7DB6C7



8DB2D1

Triad

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



7DB6C7



CDA1B7



B1AF8A

Complementary

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



7DB6C7



C78E7D

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.



C4A98A



7DB6C7



D4A0A4

Square

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



7DB6C7



BCA5C7



D0A494



9CB493

Rectangle

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



7DB6C7



9DAED2



D0A494



B8AD89

Sweetspot

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



7DB6C7



E3F9FF



7DC78D



6F7C80



000000



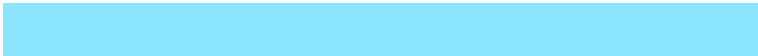
808080

Same Dimension

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



7DB6C7



8CE5FF



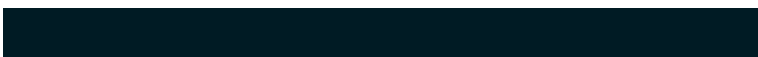
7D92C7



5A6163



007EA3



001B24

Inverse Universe

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



C77DB6



FF8CE5



C7B27D



635A61



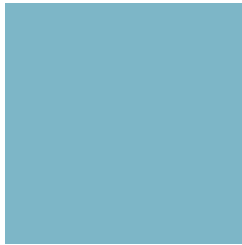
A3007E



24001B

Previews

White Background



This preview shows how the Hex color 7DB6C7 looks on a white background.

Color Contrast Check

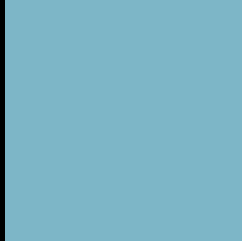
Large Text (above 18pt) WCAG AA × Fail

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 7DB6C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

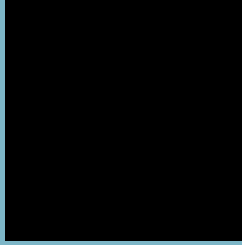
Any Text WCAG AA ✓ Pass

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 7DB6C7 Background



This preview shows how black text looks on a background with the Hex color 7DB6C7.

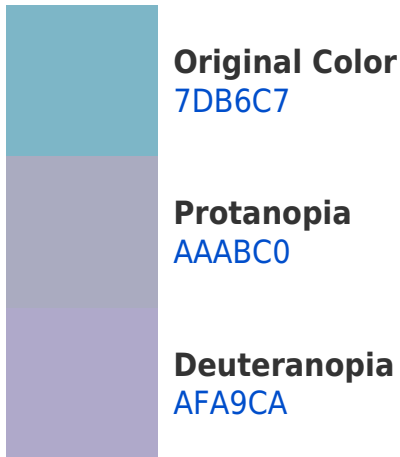


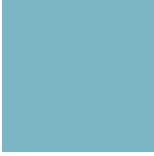
This preview shows how white text looks on a background with the Hex color 7DB6C7.

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](#).

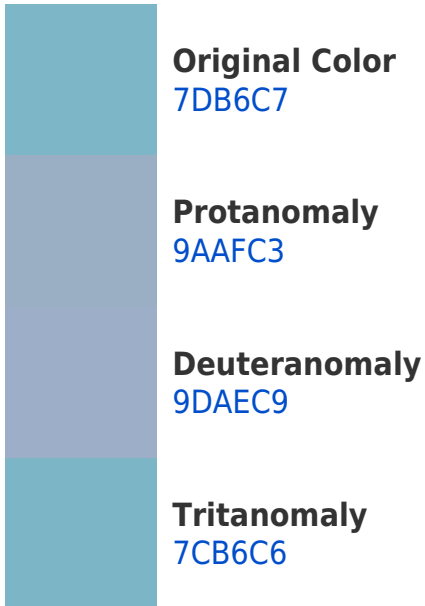
Dichromacy



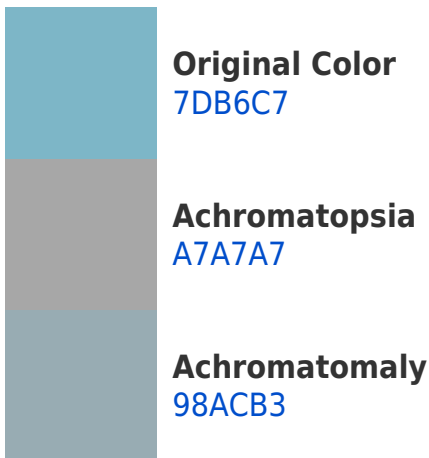


Tritanopia
7CB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7DB6C7 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 #7DB6C7 looks like.

```
.text, #text, p{  
    color:#7DB6C7  
}
```

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 #7DB6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DB6C7
}
```

Border

The CSS property to change the border of an element to Hex 7DB6C7 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
#7DB6C7 }
```

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

```
.border{ border-color:#7DB6C7 }
```

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

Here you see how a box with a 4 pixel #7DB6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DB6C7; -webkit-box-shadow:4px 4px  
4px 4px #7DB6C7; box-shadow:4px 4px 4px  
4px #7DB6C7 }
```

Background

The CSS property to change the background color of an element to Hex 7DB6C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DB6C7 }
```

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

```
.background{ background-color:#7DB6C7 }
```

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