

Converting Colors

Hex(6DB5C7)

Have a look what the booklet for
Hex(6DB5C7) contains.

Hex(6DB5C7)	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(6DB5C7)

Conversions

Conversions Part 1

Format	Color
Hex	6DB5C7
RGB	109, 181, 199
RGB Percent	43%, 71%, 78%
CMY	0.5725, 0.2902, 0.2196
CMYK	0.45, 0.09, 0.00, 0.22
HSL	192°, 45%, 60%
HSV	192°, 45%, 78%
XYZ	33.1394, 40.4225, 60.0885
YIQ	161.5240, -48.6900, -9.6660

Conversions

Conversions Part 2

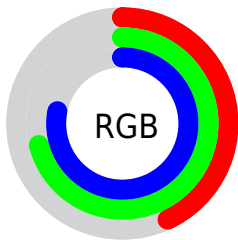
Format	Color
RYB	109, 149, 199
Decimal	7189959
CIELab	69.77, -17.78, -16.17
CIElCh	70, 24.034, 222.286
Yxy	40.4225, 0.2480, 0.3024
Android (android.graphics.Color)	4285380039 (0xFF6DB5C7)
YUV	161.5240, 18.4757, -46.0635
Hunter-Lab	63.5787, -18.2225, -11.5302

Details

The Hex color **6DB5C7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C77F6D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A5EDFF**, and **348091** is the 20% darker color. If you saturate the color by 10%, you get **59B1C7**, and if you desaturate by 10%, it is **81B9C7**.

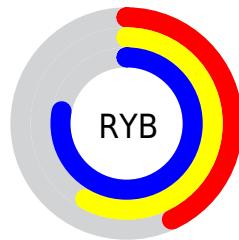
Distribution



Red (43%)

Green (71%)

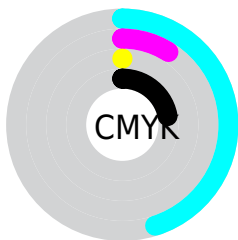
Blue (78%)



Red (43%)

Yellow (58%)

Blue (78%)

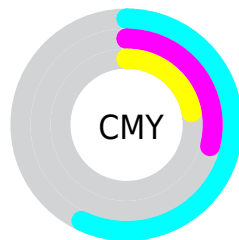


Cyan (45%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (57%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DB5C7 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 6DB5C7 by changing the saturation by 10% instead.



6DB5C7



6DB5C7

FFFFFF



519AAC



A5EDFF



348091



C1FFFF



0F6777



DEFFFF



004F5F



FCFFFF



003847



002230



00021C



000000



6DB5C7



6DB5C7

■ 59B1C7

■ 81B9C7

■ 45ADC7

■ 95BDC7

■ 31A9C7

■ A9C1C7

■ 1DA5C7

■ BDC5C7

■ 0AA1C7

■ D1C9C7

■ 009FC7

■ E4CDC7

■ F8D1C7

■ FFD5C7

■ FFD9C7

Harmonies

Analogous

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



6FB7B3



6DB5C7



7FB0D3

Triad

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



6DB5C7



CE9CB8



B1AC80

Complementary

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



6DB5C7



C77F6D

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.



C6A581



6DB5C7



D79BA2

Square

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



6DB5C7



B9A2CB



D49E8E



99B28A

Rectangle

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



6DB5C7



92ACD6



D49E8E



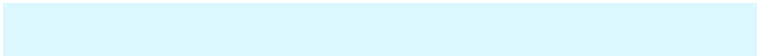
B9AA7F

Sweetspot

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



6DB5C7



DBF8FF



6DC77F



6A7B80



000000



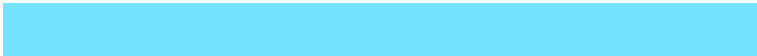
808080

Same Dimension

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



6DB5C7



75E3FF



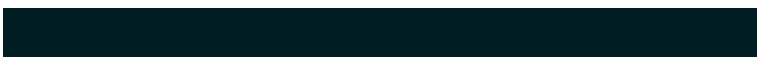
6D88C7



5A6163



0083A3



001D24

Inverse Universe

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



C76DB5



FF75E3



C7AC6D



635A61



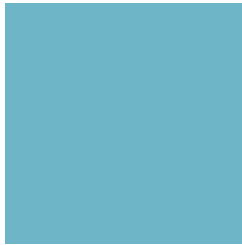
A30083



24001D

Previews

White Background



This preview shows how the Hex color 6DB5C7 looks on a white background.

Color Contrast Check

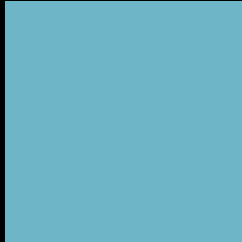
Large Text (above 18pt) WCAG AA × Fail

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 6DB5C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

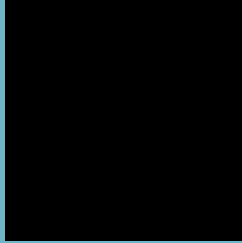
Any Text WCAG AA ✓ Pass

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 6DB5C7 Background



This preview shows how black text looks on a background with the Hex color 6DB5C7.

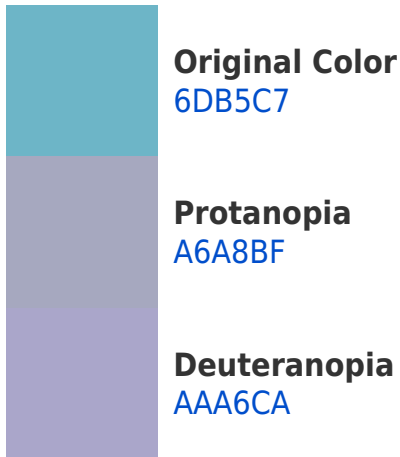


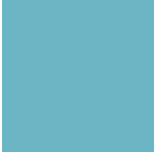
This preview shows how white text looks on a background with the Hex color 6DB5C7.

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](#).

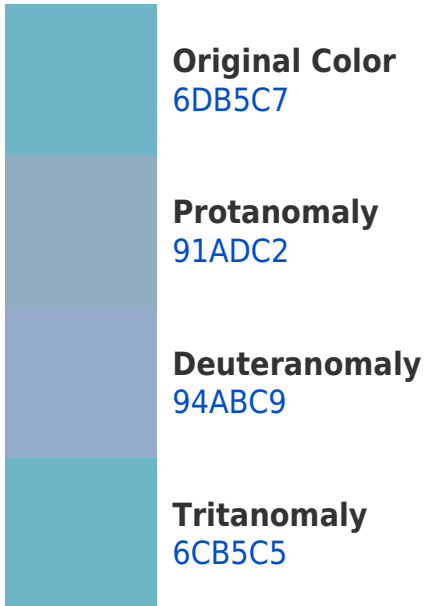
Dichromacy



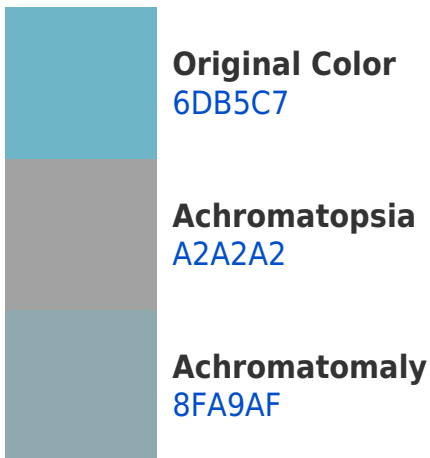


Tritanopia
6CB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DB5C7 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 #6DB5C7 looks like.

```
.text, #text, p{  
    color:#6DB5C7  
}
```

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 #6DB5C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DB5C7  
}
```

Border

The CSS property to change the border of an element to Hex 6DB5C7 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  
#6DB5C7 }
```

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

```
.border{ border-color:#6DB5C7 }
```

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

Here you see how a box with a 4 pixel #6DB5C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DB5C7; -webkit-box-shadow:4px 4px  
4px 4px #6DB5C7; box-shadow:4px 4px 4px  
4px #6DB5C7 }
```

Background

The CSS property to change the background color of an element to Hex 6DB5C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DB5C7 }
```

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

```
.background{ background-color:#6DB5C7 }
```

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