

Converting Colors

Hex(6CBBD8)

Have a look what the booklet for
Hex(6CBBD8) contains.

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Color

Hex(6CBBD8)

Conversions

Conversions Part 1

Format	Color
Hex	6CBBD8
RGB	108, 187, 216
RGB Percent	42%, 73%, 85%
CMY	0.5765, 0.2667, 0.1529
CMYK	0.50, 0.13, 0.00, 0.15
HSL	196°, 58%, 64%
HSV	196°, 50%, 85%
XYZ	36.3493, 43.6867, 71.4823
YIQ	166.6850, -56.3930, -7.7290

Conversions

Conversions Part 2

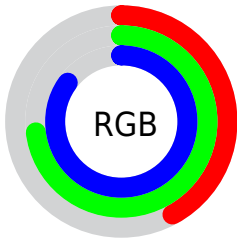
Format	Color
R _{YB}	108, 154, 216
Decimal	7125976
CIE _{Lab}	72.02, -16.46, -22.07
CIE _{LCh}	72, 27.531, 233.280
Yxy	43.6867, 0.2399, 0.2883
Android (android.graphics.Color)	4285316056 (0xFF6CBBD8)
YUV	166.6850, 24.3123, -51.4667
Hunter-Lab	66.0959, -17.5020, -17.8547

Details

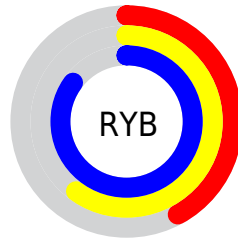
The Hex color **6CBBD8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D8896C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A5F3FF**, and **2F86A1** is the 20% darker color. If you saturate the color by 10%, you get **56B5D8**, and if you desaturate by 10%, it is **82C1D8**.

Distribution



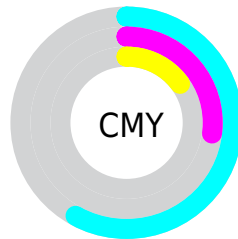
- Red (42%)
- Green (73%)
- Blue (85%)



- Red (42%)
- Yellow (60%)
- Blue (85%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CBBD8 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 6CBBD8 by changing the saturation by 10% instead.

 6CBBD8

 6CBBD8

FFFFFF

 4FA0BC

 A5F3FF

 2F86A1

 C2FFFF

 006C87

 E0FFFF

 00546D

FEFFFF

 003D55

 00273E

 001028

 000112

 000000

■ 6CBBD8

■ 6CBBD8

■ 56B5D8

■ 82C1D8

■ 41AFD8

■ 97C7D8

■ 2BAAD8

■ ADCCD8

■ 16A4D8

■ C2D2D8

■ 009ED8

■ D8D8D8

■ EEDED8

■ FFE4D8

■ FFE9D8

■ FFEFD8

Harmonies

Analogous

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



65BEC3



6CBBD8



89B5E2

Triad

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



6CBBD8



DE9FB7



AEB582

Complementary

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



6CBBD8



D8896C

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.



C8AD7F



6CBBD8



E39F9E

Square

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



6CBBD8



CBA4CF



DBA589



91BB92

Rectangle

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



6CBBD8



A1AFE1



DBA589



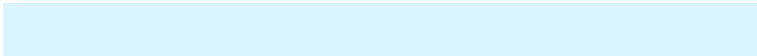
B7B27F

Sweetspot

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



6CBBD8



D9F5FF



6CD889



697980



000000



808080

Same Dimension

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



6CBBD8



66D6FF



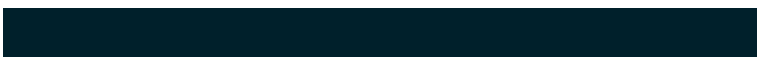
6C85D8



60686B



007DAB



00202B

Inverse Universe

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



D86CBB



FF66D6



D8BF6C



6B6068



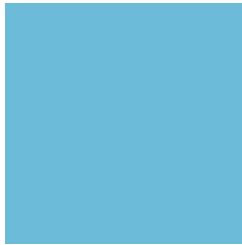
AB007D



2B0020

Previews

White Background



This preview shows how the Hex color 6CBBD8 looks on a white background.

Color Contrast Check

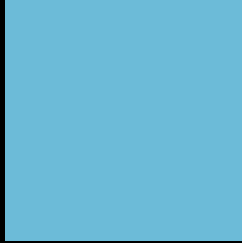
Large Text (above 18pt) WCAG AA × Fail

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 6CBBD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

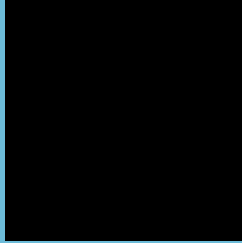
Any Text WCAG AA ✓ Pass

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 6CBBD8 Background



This preview shows how black text looks on a background with the Hex color 6CBBD8.

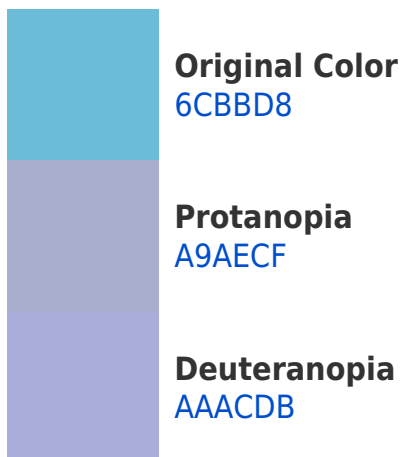


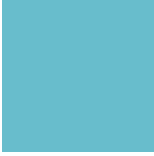
This preview shows how white text looks on a background with the Hex color 6CBBD8.

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](#).

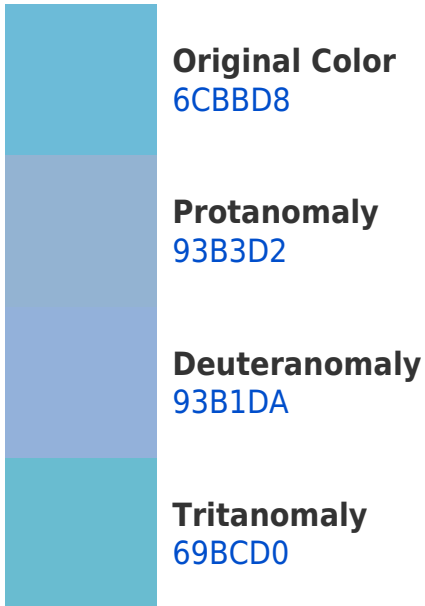
Dichromacy



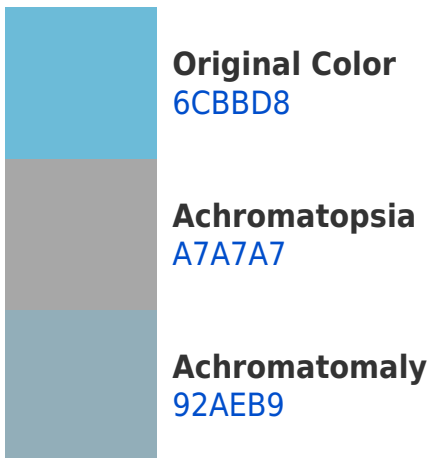


Tritanopia
68BDCC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CBBD8 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 #6CBBD8 looks like.

```
.text, #text, p{  
    color:#6CBBD8  
}
```

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 #6CBBD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBBD8  
}
```

Border

The CSS property to change the border of an element to Hex 6CBBD8 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  
#6CBBD8 }
```

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

```
.border{ border-color:#6CBBD8 }
```

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

Here you see how a box with a 4 pixel #6CBBD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBBD8; -webkit-box-shadow:4px 4px  
4px 4px #6CBBD8; box-shadow:4px 4px 4px  
4px #6CBBD8 }
```

Background

The CSS property to change the background color of an element to Hex 6CBBD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBBD8 }
```

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

```
.background{ background-color:#6CBBD8 }
```

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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