

Converting Colors

Hex(6CBEB0)

Have a look what the booklet for
Hex(6CBEB0) contains.

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Color

Hex(6CBEB0)

Conversions

Conversions Part 1

Format	Color
Hex	6CBEB0
RGB	108, 190, 176
RGB Percent	42%, 75%, 69%
CMY	0.5765, 0.2549, 0.3098
CMYK	0.43, 0.00, 0.07, 0.25
HSL	170°, 39%, 58%
HSV	170°, 43%, 75%
XYZ	32.4343, 43.1496, 47.6935
YIQ	163.8860, -44.3780, -21.7380

Conversions

Conversions Part 2

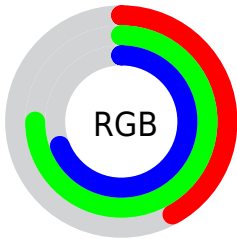
Format	Color
RYB	108, 153, 190
Decimal	7126704
CIELab	71.66, -28.43, -0.76
CIElCh	72, 28.438, 181.528
Yxy	43.1496, 0.2631, 0.3500
Android (android.graphics.Color)	4285316784 (0xFF6CBEB0)
YUV	163.8860, 5.9722, -49.0120
Hunter-Lab	65.6884, -26.8186, 2.9339

Details

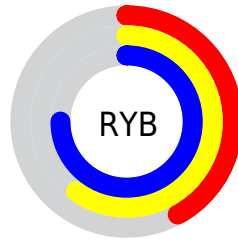
The Hex color **6CBEB0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE6C7A**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A3F7E8**, and **34887C** is the 20% darker color. If you saturate the color by 10%, you get **59BEAD**, and if you desaturate by 10%, it is **7FBEB3**.

Distribution



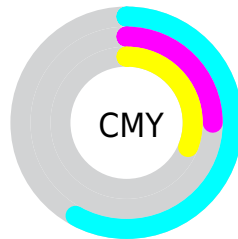
- Red (42%)
- Green (75%)
- Blue (69%)



- Red (42%)
- Yellow (60%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (58%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CBEB0 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 6CBEB0 by changing the saturation by 10% instead.

 6CBEB0

 6CBEB0

FFFFFF

 50A395

 A3F7E8

 34887C

 C0FFFF

 116F63

 DDFFFF

 00564B

 FAFFFF

 003E34

 00281F

 000C08

 000000

 6CBEB0

 6CBEB0

■ 59BEAD

■ 7FBEB3

■ 46BEAA

■ 92BEB6

■ 33BEA6

■ A5BEBA

■ 20BEA3

■ B8BEBD

■ 0DBEA0

■ CBBEC0

■ 00BE9E

■ DEBEC3

■ F1BEC7

■ FFBECA

■ FFBECD

Harmonies

Analogous

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



87BC96



6CBEB0



5FBDCA

Triad

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



6CBEB0



B5A8DC



D7A683

Complementary

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



6CBEB0



BE6C7A

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.



E39F96



6CBEB0



D2A0C9

Square

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



6CBEB0



90B1E3



E29CAF



C1AE7C

Rectangle

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



6CBEB0



66BBD7



E29CAF



DCA388

Sweetspot

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



6CBEB0



D7F7F2



7BBE6C



697D7A



FCFCFC



7D7D7D

Same Dimension

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



6CBEB0



77F7E1



6CA4BE



555E5D



009E83



001F19

Inverse Universe

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



BE6C7A



F7778D



BE866C



5E5557



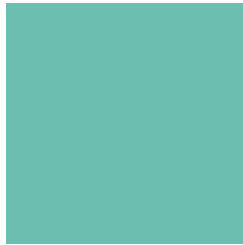
9E001B



1F0005

Previews

White Background



This preview shows how the Hex color 6CBEB0 looks on a white background.

Color Contrast Check

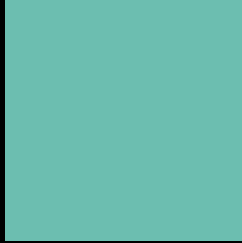
Large Text (above 18pt) WCAG AA × Fail

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 6CBEB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

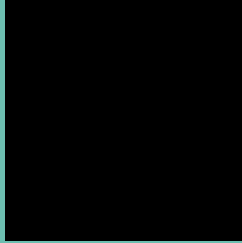
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

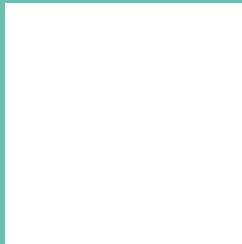
Any Text WCAG AAA ✓ Pass

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

Hex 6CBEB0 Background



This preview shows how black text looks on a background with the Hex color 6CBEB0.



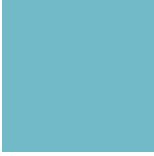
This preview shows how white text looks on a background with the Hex color 6CBEB0.

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



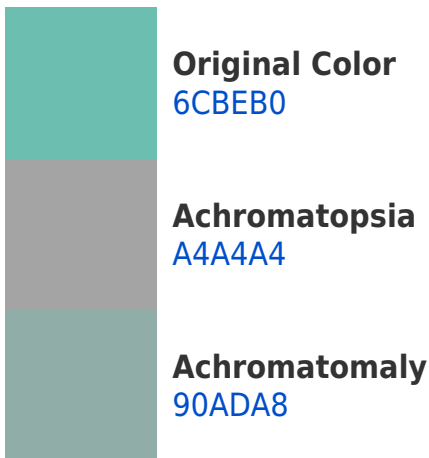


Tritanopia
73BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CBEB0 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 #6CBEB0 looks like.

```
.text, #text, p{  
    color:#6CBEB0  
}
```

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 #6CBEB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CBEB0
}
```

Border

The CSS property to change the border of an element to Hex 6CBEB0 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
#6CBEB0 }
```

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

```
.border{ border-color:#6CBEB0 }
```

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

Here you see how a box with a 4 pixel #6CBEB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CBEB0; -webkit-box-shadow:4px 4px  
4px 4px #6CBEB0; box-shadow:4px 4px 4px  
4px #6CBEB0 }
```

Background

The CSS property to change the background color of an element to Hex 6CBEB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CBEB0 }
```

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

```
.background{ background-color:#6CBEB0 }
```

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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