

Converting Colors

Hex(6EBCBE)

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

Hex(6EBCBE)	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(6EBCBE)

Conversions

Conversions Part 1

Format	Color
Hex	6EBCBE
RGB	110, 188, 190
RGB Percent	43%, 74%, 75%
CMY	0.5686, 0.2627, 0.2549
CMYK	0.42, 0.01, 0.00, 0.25
HSL	182°, 38%, 59%
HSV	182°, 42%, 75%
XYZ	33.7079, 42.9991, 55.2383
YIQ	164.9060, -47.1300, -15.9140

Conversions

Conversions Part 2

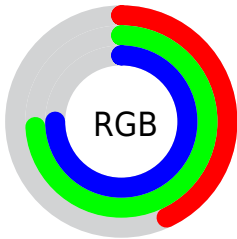
Format	Color
RYB	110, 149, 190
Decimal	7257278
CIELab	71.55, -23.47, -8.55
CIELCh	72, 24.983, 200.025
Yxy	42.9991, 0.2555, 0.3259
Android (android.graphics.Color)	4285447358 (0xFF6EBCBE)
YUV	164.9060, 12.3713, -48.1526
Hunter-Lab	65.5737, -22.9969, -4.0433

Details

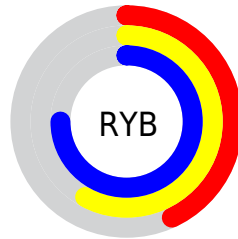
The Hex color **6EBCBE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE706E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A6F4F6**, and **368689** is the 20% darker color. If you saturate the color by 10%, you get **5BBCBE**, and if you desaturate by 10%, it is **81BCBE**.

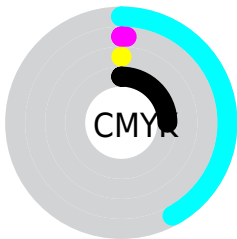
Distribution



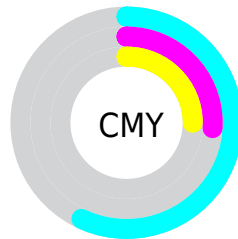
- Red (43%)
- Green (74%)
- Blue (75%)



- Red (43%)
- Yellow (58%)
- Blue (75%)



- Cyan (42%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (57%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

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



6EBCBE



6EBCBE

FFFFFF



52A1A3



A6F4F6



368689



C2FFFF



136D6F



DFFFFF



005457



FDFFFF



003D40



00272A



000C16



000000



6EBCBE



6EBCBE

5BBCBE

81BCBE

48BBBE

94BDBE

35BBBE

A7BDBE

22BABE

BABEBE

0FBABE

CDBEBE

00B9BE

E0BFBE

F3BFBE

FFC0BE

Harmonies

Analogous

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



7EBCA7



6EBCBE



72B9D1

Triad

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



6EBCBE



C5A4CD



C7AB83

Complementary

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



6EBCBE



BE706E

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.



D8A48D



6EBCBE



D8A0B8

Square

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



6EBCBE



A9ACDA



DE9FA1



B0B384

Rectangle

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



6EBCBE



80B6D9



DE9FA1



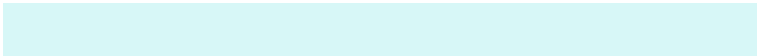
CEA985

Sweetspot

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



6EBCBE



D7F7F7



6EBE6F



697C7D



FCFCFC



7D7D7D

Same Dimension

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



6EBCBE



79F4F7



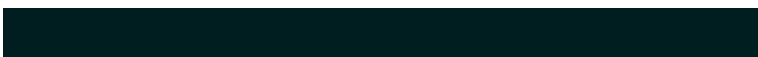
6E95BE



555E5E



009A9E



001E1F

Inverse Universe

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



BE6EBC



F779F4



BE976E



5E555E



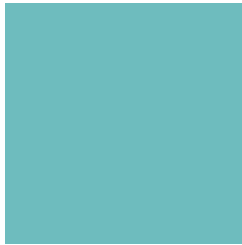
9E009A



1F001E

Previews

White Background



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

Color Contrast Check

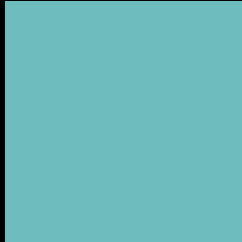
Large Text (above 18pt) WCAG AA × Fail

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 6EBCBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

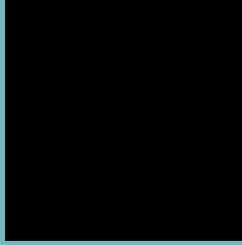
Any Text WCAG AA ✓ Pass

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 6EBCBE Background



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

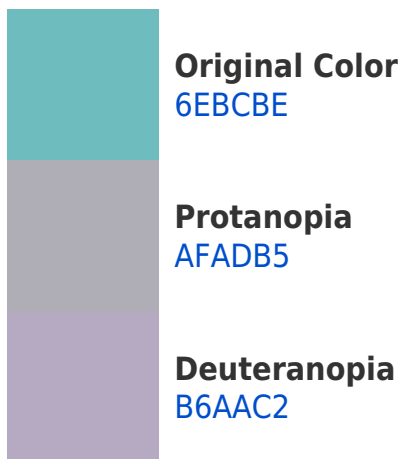


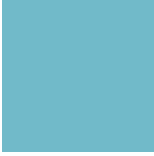
This preview shows how white text looks on a background with the Hex color 6EBCBE.

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



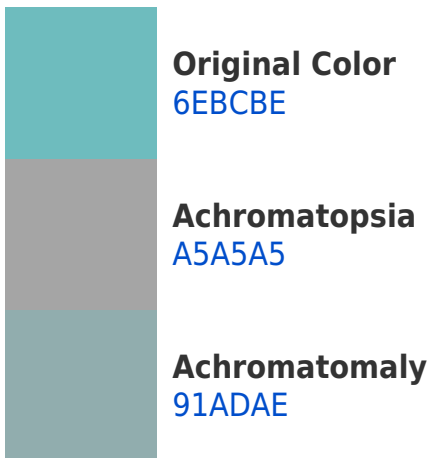


Tritanopia
71BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6EBCBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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