

Converting Colors

Hex(6EC8B7)

Have a look what the booklet for
Hex(6EC8B7) contains.

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Color

Hex(6EC8B7)

Conversions

Conversions Part 1

Format	Color
Hex	6EC8B7
RGB	110, 200, 183
RGB Percent	43%, 78%, 72%
CMY	0.5686, 0.2157, 0.2824
CMYK	0.45, 0.00, 0.08, 0.22
HSL	169°, 45%, 61%
HSV	169°, 45%, 78%
XYZ	35.6319, 48.0424, 52.1949
YIQ	171.1520, -48.1830, -24.3670

Conversions

Conversions Part 2

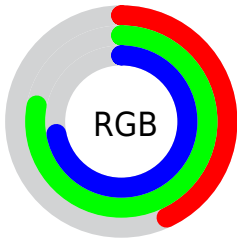
Format	Color
RYB	110, 160, 200
Decimal	7260343
CIELab	74.85, -31.08, 0.12
CIELCh	75, 31.076, 179.788
Yxy	48.0424, 0.2623, 0.3536
Android (android.graphics.Color)	4285450423 (0xFF6EC8B7)
YUV	171.1520, 5.8411, -53.6303
Hunter-Lab	69.3127, -29.5347, 3.8714

Details

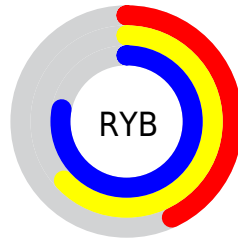
The Hex color **6EC8B7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C86E7F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A6FFEF**, and **359282** is the 20% darker color. If you saturate the color by 10%, you get **5AC8B3**, and if you desaturate by 10%, it is **82C8BB**.

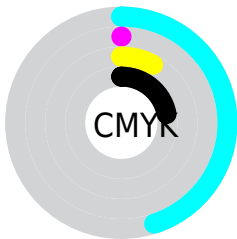
Distribution



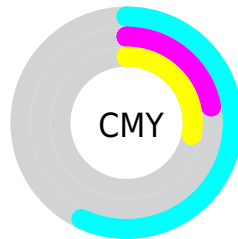
- Red (43%)
- Green (78%)
- Blue (72%)



- Red (43%)
- Yellow (63%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (57%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC8B7 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 6EC8B7 by changing the saturation by 10% instead.



6EC8B7



6EC8B7

FFFFFF



52AC9C



A6FEEF



359282



C3FFFF



0E7869



E0FFFF



005E51

FEFFFF



00463A



002F25



001A10



000000



6EC8B7



6EC8B7

 5AC8B3

 82C8BB

 46C8AF

 96C8BF

 32C8AC

 AAC8C2

 1EC8A8

 BEC8C6

 0AC8A4

 D2C8CA

 00C8A2

 E6C8CE

 FAC8D1

 FFC8D5

 FFC8D9

Harmonies

Analogous

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



8DC59B



6EC8B7



5DC7D4

Triad

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



6EC8B7



BCB1EA



E4AD88

Complementary

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



6EC8B7



C86E7F

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.



F1A59D



6EC8B7



DDA8D5

Square

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



6EC8B7



93BBF1



EFA3BA



CDB67F

Rectangle

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



6EC8B7



64C5E3



EFA3BA



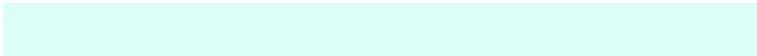
EAAA8E

Sweetspot

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



6EC8B7



DBFFF8



80C86E



6A807B



000000



808080

Same Dimension

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



6EC8B7



75FFE5



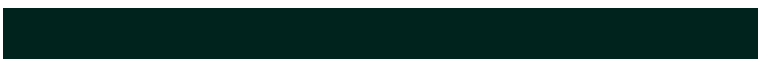
6EADC8



5A6362



00A384



00241D

Inverse Universe

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



C86E7F



FF758F



C8896E



635A5B



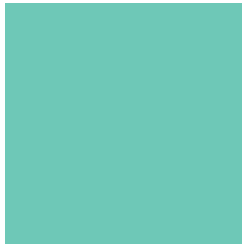
A3001F



240007

Previews

White Background



This preview shows how the Hex color 6EC8B7 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 6EC8B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

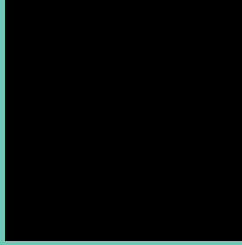
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

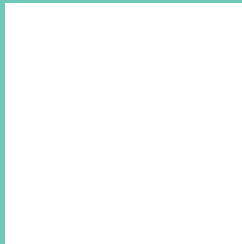
Any Text WCAG AAA ✓ Pass

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

Hex 6EC8B7 Background



This preview shows how black text looks on a background with the Hex color 6EC8B7.



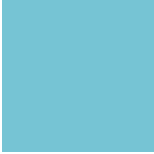
This preview shows how white text looks on a background with the Hex color 6EC8B7.

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



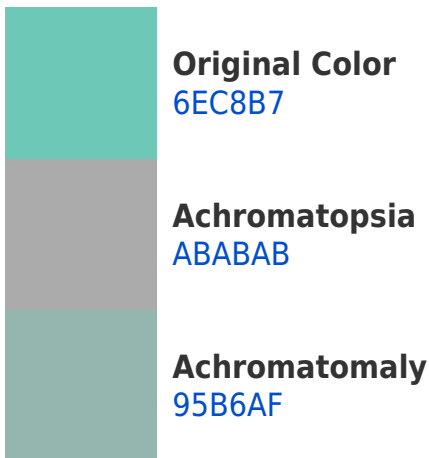


Tritanopia
76C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC8B7 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 #6EC8B7 looks like.

```
.text, #text, p{  
    color:#6EC8B7  
}
```

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 #6EC8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC8B7
}
```

Border

The CSS property to change the border of an element to Hex 6EC8B7 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
#6EC8B7 }
```

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

```
.border{ border-color:#6EC8B7 }
```

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

Here you see how a box with a 4 pixel #6EC8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC8B7; -webkit-box-shadow:4px 4px  
4px 4px #6EC8B7; box-shadow:4px 4px 4px  
4px #6EC8B7 }
```

Background

The CSS property to change the background color of an element to Hex 6EC8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC8B7 }
```

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

```
.background{ background-color:#6EC8B7 }
```

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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